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August 26, 27, 28, 29, 1930

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ERRATA

Page 39—Read: Dr. Lennor, M.D., M.R.C.P. (Lond.), 'C.' 397 River Avenue.

Page 54, para. 5—For 11 a.m., read 10.30 a.m.

Page 58, line 28—Read 47 $\frac{1}{2}$.

Page 86, para. 1—In both instances delete "Transfer to Chateau Frontenac."

Page 94—8.30 a.m. for "Clinic by Hugh Cairns, F.R.C.S.," read, "Clinic by Donald Paterson, M.D., F.R.C.P., on 'Cancer Disease and Pyloric Stenosis'."

Page 96—Wednesday, August 27th, 8.30 p.m., add: Public Meeting, Provencher School, St. Boniface; Speaker, Professor J. E. Gendreau (Montreal).

Page 100—8.30 a.m. for "Clinic by Donald Paterson, M.D., F.R.C.P.," read, "Clinic by Hugh Cairns, F.R.C.S., Surgical Cases."

Page 119—Under Wednesday, August 27th, *2.00-4.00, Conducted Motor Tour of City, terminating at Indian Pageant. Add: "Fare \$1.00."

Page 170—Delete last two lines.

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A Canadian Pacific Hotel



George F. Hammond, M.D.

Collingwood, Alberta.

A Short account of the climate of Victoria and Southern Vancouver Island, British Columbia. . . .

*Considered from the point of view of the "Temporary
Invalid" and the "Permanent Resident"*

B. D. C. W. A. C. in charge of Queen Alexandra Sanatorium,
Penitentiary Road, Coldstream, Vancouver Island

A question which frequently arises in the practice of any physician is what advice to give his patient on the subject of a suitable place at which to convalesce after illness or at a time when the physical and mental condition of the individual concerned requires rest and relaxation following a period of strenuous work and anxiety.

The following short description of the climate of Victoria may give you some assistance on these lines and it is for this purpose that it is offered to the Medical Profession in Canada and the U.S.A.

The physical elements of a climate are one of the most important of many considerations which should guide us in our choice of where to go to recuperate after illness to spend a holiday or to make our permanent home. We must at all times give due weight to those other aspects of our daily life which will have an important influence on our mental as well as our physical well-being to these I shall refer later.

Briefly stated it may be said that a good climate for the maintenance of the health of our race is one in which we meet with constant moderate variations in its principal factors.

The detailed consideration of climatic conditions in any area involves an analysis of many factors such as average temperatures, hours of sunshine, rainfall, purity of atmosphere, humidity, strength and direction of prevailing winds. It is not the purpose of this short article to attempt any such analysis but rather by a simple statement of facts to call attention to the well-recognized advantages that residents in Victoria and Southern Vancouver Island enjoy.

Let us first enquire how far the facts I shall state agree with the definition I have given of a good climate—in other words, are there those constant moderate variations which will allow of the fair use of the term "a good climate"? The average temperature (degrees F.) over a period of years in Victoria ranges from 39° in January to 60° in July at Shawnigan Lake 35° and at Combs Bay 37° to 63°.

The average of bright sunshine for fifteen years in Victoria has been 2,176 hours in the year; in 1928, 2,206 were recorded, or an average of six hours of bright sunshine for every day in the year.

It may I think be stated with confidence that the value of a climate is largely determined by the intensity of ultra violet light, and that a regular dose of these rays is essential to human health. The recognition of the value of these ultra violet rays in the solar spectrum is one of the great advances in modern medicine and while there is yet much to learn of the beneficial effects of these and other rays there can be no doubt whatever of the truth of the dictum of Dr. Rollet of Leysin in Switzerland "Every one of the wave lengths in the solar spectrum finds in the varieties of tissues of our organism one which will absorb it and permit it to exercise its chemical action."

The benefit of a visit to the people following illness has been known for a great many years and while there are many other causes in operation we now realize the value of the radiation of these solar rays from the surface of the sea. The site of Victoria at the extreme south end of the island is markedly open to these radiations.

The value of sunlight naturally leads to a consideration of another factor in climate - purity of atmosphere - for it is well known that smoke, dust and other impurities in the atmosphere greatly diminish or even entirely prevent these beneficial solar rays reaching the earth's surface. The decision some years ago to place the Dominion Astrophysical Observatory near Victoria is in itself the best proof of atmospheric purity.

Rainfall and wind are factors in climate which we do not usually welcome and yet they are of great importance by reason of their purifying effect on the atmosphere and where wind is more particularly concerned by its stimulating effect on our physical conditions.

A rainfall which over a period of forty two years has averaged 27.37 for the year is moderate - of this total, 21.73 inches fall in the six winter months (October to March) and the balance 5.64 inches during the remaining spring and summer months.

The prevailing wind blowing off the Pacific Ocean for several months in the year is west to south-west and of an average velocity of 9 to 12 miles per hour.

The above facts are taken from the 1928 report of the Superintendent of the Dominion Meteorological Observatory at Victoria Vancouver Island and are convincing evidence not only of the excellent climate of Victoria and the south end of the island, but also indicate clearly the existence of these constant moderate variations in its principal factors - which are of such great importance for health.

In support of what has already been said it will not be amiss to refer to other facts which are of value in this connection.

A consideration of the mortality rate from all causes in Victoria is not a fair estimate of health conditions when we consider the large number of residents who have retired from active work to spend their later years in the city and vicinity. We can, however, take the infant mortality rate and the total death rate from our communicable diseases.

The infant mortality rate in 1929 was 40.3 per 1,000 living births, an extremely low rate and far below that of eleven other great cities of Canada.

The death rate over a ten-year period (1920-1929) of the following diseases may be tabulated as follows:

	Total Deaths for 10 Years	Percent of Total Deaths All Causes
Diphtheria	6	12
Scarlet Fever	2	04
Whooping Cough	11	23
Small-pox	1	Negligible
Typhoid Fever	6	1
Influenza	103	21

Note: More than half the deaths from influenza occurred in 1920.

Can any city of equal size show a better health record, and may we not, in part at least, pay a well deserved tribute to the climate as an important factor?

And there is another question we may be asked: granted infant mortality is so low, how do children and, maybe, delicate children thrive? To this I would reply: and I speak from a fairly intimate knowledge of the subject in recent years, normal, healthy children and delicate children thrive in a surprising way if due and proper use is made of our abundant sunshine and the enormous possibilities of an open-air life for a large part of the year.

I have mentioned certain other considerations apart from climate, and their influence on our mental as well as physical well-being. It is not necessary for me to speak in detail of these, and I will do no more than shortly refer to them.

The figures I have already quoted are sufficient evidence of excellent sanitation, water supply and general hygienic conditions of life.

And lastly I would refer to those mental and physical occupations and relaxations from work which are so important to all of us, and especially to the temporary invalid and to those whose active work in life is done.

Victoria can supply these in abundance: splendid hotel accommodation, especially in the greatly enlarged Canadian Pacific Empress Hotel, with its magnificent enclosed and heated sea-water swimming pool, the finest in Canada, healthy out-door amusements and sports, golf, tennis, fishing of the best, shooting, good roads and beautiful scenery.

It is unnecessary to say more: for the temporary invalid, for the permanent resident, for the holiday-maker, Victoria and Southern Vancouver Island may well and rightly claim a pre-eminent position.



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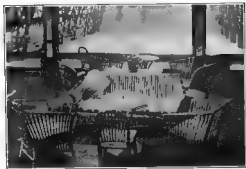


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August 26th to August 29th, 1930

HANDBOOK OF MEETING

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Office of the Annual Meeting
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TIDDELE, Mrs. W. F., 271 Maplewood Avenue, Winnipeg.

Annual Dinner

CONDUCTOR Mrs. W. A. GARDNER, 1158 Grosvenor Avenue, Winnipeg.
BOARDMAN Mrs. E. J., 70 Chestnut Street, Winnipeg.
McKENNIE, Mrs. DONALD, 238 Roslyn Road, Winnipeg.
McQUEEN Mrs. J. D., 283 Yale Avenue, Winnipeg.
SWAN, Mrs. R. R., 891 Grosvenor Avenue, Winnipeg.

Presidential Reception

CONDUCTOR Mrs. R. R. SWAN, 891 Grosvenor Avenue, Winnipeg.
MACKAY, Mrs. H. OR, 76 Cornish Avenue, Winnipeg.
GARDNER Mrs. W. A., 1158 Grosvenor Avenue, Winnipeg.
McQUEEN Mrs. J. D., 283 Yale Avenue, Winnipeg.

Dance

CONDUCTOR Mrs. H. M. MURDOFF, 215 Oxford Street, Winnipeg.
McVOR, Mrs. N. K., 200 Montrose Street, Winnipeg.
GARDNER Mrs. W. A., 1158 Grosvenor Avenue, Winnipeg.
McQUEEN Mrs. J. D., 283 Yale Avenue, Winnipeg.

Racial Group Singing

CONDUCTOR Mrs. W. W. MURPHY, 46 Home Street, Winnipeg.
SWAN Mrs. R. R., 891 Grosvenor Avenue, Winnipeg.
GARDNER, Mrs. W. A., 1158 Grosvenor Avenue, Winnipeg.
McQUEEN Mrs. J. D., 283 Yale Avenue, Winnipeg.

Indian Pageant

CONDUCTOR Mrs. E. J. BOARDMAN, 70 Chestnut Street, Winnipeg.
BENNER, Mrs. F. A., 537 Bannock Place, Winnipeg.
MACKINNON, Mrs. A. P., 984 Dorchester Avenue, Winnipeg.
GARDNER, Mrs. W. A., 1158 Grosvenor Avenue, Winnipeg.
McQUEEN Mrs. J. D., 283 Yale Avenue, Winnipeg.

Hockey and Ice Carnival

CONDUCTOR Mrs. R. D. FLETCHER, 303 Elm Street, Winnipeg.
BOYD, Mrs. WILLIAM, 17 Quonseton Street, Winnipeg.
GRANT Mrs. J. C. B., 307 Niagara Street, Winnipeg.

SOCIAL CLUB

CHAIRMAN Mrs. C. A. MacKENNIE, 406 Wellington Crescent, Winnipeg.
VICE-CHAIRMAN Mrs. H. M. SEERCHLE, 232 Home Street, Winnipeg.
HON. SECRETARY Mrs. J. C. McMillan, 113 Herford Blvd., Toronto.

SOCIAL CLUB—(Continued)

SOCIAL CLUB SUB-COMMITTEES

Outing

Chairman Mrs T Hadden Hall 126 Madison Avenue, Winnipeg

Anderson Mrs A 716 Taylor Street, Winnipeg

Bauman Mrs R 716 Taylor Street, Winnipeg

Cartwright Mrs W 400 Commercial Street, Winnipeg

Edwards Mrs J 214 Taylor Street, Winnipeg

McLennan Mrs J 214 Taylor Street, Winnipeg

McLennan Mrs James 214 Taylor Street, Winnipeg

McLennan Mrs J W 214 Taylor Street, Winnipeg

Starr Mrs Frank 214 Taylor Street, Winnipeg

Thompson Mrs R. S., Delaney, Mrs

Winnipeg Mrs J D 214 Taylor Street, Winnipeg and Agnes R. Winnipeg

Information

Chairman Mrs B J Brown 126 Madison Avenue, Winnipeg

Cartwright Mrs W 400 Commercial Street, Winnipeg

Delaney Mrs Mary Frank 214 Taylor Street, Winnipeg

Edwards Mrs J 214 Taylor Street, Winnipeg

Hadden Mrs T 126 Madison Avenue, Winnipeg

McLennan Mrs James 214 Taylor Street, Winnipeg

McLennan Mrs J W 214 Taylor Street, Winnipeg

McLennan Mrs J D 214 Taylor Street, Winnipeg

Starr Mrs J W 214 Taylor Street, Winnipeg

Bridge, Lounge and Reading Room

Chairman Mrs J B Thompson 126 Madison Avenue, Winnipeg

Anderson Mrs A 716 Taylor Street, Winnipeg

Bauman Mrs R 716 Taylor Street, Winnipeg

Cartwright Mrs W 400 Commercial Street, Winnipeg

Edwards Mrs J 214 Taylor Street, Winnipeg

McLennan Mrs J 214 Taylor Street, Winnipeg

McLennan Mrs J W 214 Taylor Street, Winnipeg

McLennan Mrs J D 214 Taylor Street, Winnipeg

McLennan Mrs J W 214 Taylor Street, Winnipeg

McLennan Mrs J D 214 Taylor Street, Winnipeg

McLennan Mrs J W 214 Taylor Street, Winnipeg

McLennan Mrs J D 214 Taylor Street, Winnipeg

McLennan Mrs J W 214 Taylor Street, Winnipeg

Pool, Mrs J S., Neepawa, Man.

Starr Mrs J W 214 Taylor Street, Winnipeg

Thompson Mrs J B 126 Madison Avenue, Winnipeg

Winnipeg Mrs J D 214 Taylor Street, Winnipeg

Winnipeg Mrs J W 214 Taylor Street, Winnipeg

Winnipeg Mrs J D 214 Taylor Street, Winnipeg

Flowers

Chairman Mrs J W Thompson 126 Madison Avenue, Winnipeg

Bauman Mrs R 716 Taylor Street, Winnipeg

Cartwright Mrs W 400 Commercial Street, Winnipeg

Edwards Mrs J 214 Taylor Street, Winnipeg

McLennan Mrs J W 214 Taylor Street, Winnipeg

Starr Mrs J W 214 Taylor Street, Winnipeg

Dressing Room

Chairman Mrs J B Brown 126 Madison Avenue, Winnipeg

Thompson Mrs J B 126 Madison Avenue, Winnipeg

Winnipeg Mrs J D 214 Taylor Street, Winnipeg

PUBLICITY COMMITTEE

Chairman. Mrs. A. M. CAMPBELL, 85 Sherbrooke Street, Winnipeg.

Vice-Chairman. Mrs. D. C. ARMISTEAD, 1095 Wolsey Avenue, Winnipeg.

Hon. Secretary. Mrs. F. A. YORKE, 98 Roslyn Road, Winnipeg.

HORN, Mrs. A. W., 1328 Pembina Highway, Fort Garry, Man.

LEHMANN, Mrs. J. E., 99 Roslyn Road, Winnipeg.

McLAREN, Mrs. A. N., 138 Maryland Street, Winnipeg.

SOMERVILLE, Mrs. A. N., 507 St. Mary's Road, St. Vital.

BILLING COMMITTEE

Chairman. Mrs. D. B. MACKAY, 830 Wellington Crescent, Winnipeg.

Vice-Chairman. Mrs. O. S. WATSON, 303 Harvard Avenue, Winnipeg.

Hon. Secretary. Mrs. DANIEL NICHOLSON, 10 Tweed Apartments, Winnipeg.

KENNY, Mrs. R. W., 1045 Dorchester Avenue, Winnipeg.

MELNICK, Mrs. J. STEWART, 353 Waverley Street, Winnipeg.

McINTYRE, Mrs. D. F., 258 Dromore Avenue, Winnipeg.

MELVON, Mrs. N. K., 200 Montrose Hurst, Winnipeg.

McKEAY, Mrs. F. D., 108 Middle Gate, Winnipeg.

STREIBER, Mrs. G. F., Winnipeg General Hospital, Winnipeg.

GOLF COMMITTEE

Executive

Chairman. Mrs. R. D. FLETCHER, 353 Elm Street, Winnipeg.

Vice-Chairman. Mrs. B. R. SWAY, 891 Grosvenor Avenue, Winnipeg.

Hon. Secretary. Mrs. Wm. BURD, 77 Queenston Street, Winnipeg.

Consent of Sub-Committee. Mrs. BRUCE HILL, St. Charles.

BURRIDGE, Mrs. A. J., 125 Fairbairn Street, Winnipeg.

HART, Mrs. F. J., 21 West Gate, Winnipeg.

McTAVISH, Mrs. G. H., 304 College Avenue, Winnipeg.

BOHMER, Mrs. R. M., 173 Harvard Avenue, Winnipeg.

SWAN, Mrs. A. J., 727 James Avenue, Winnipeg.

General Committee

ABBOTT, Mrs. W. F., 158 Harvard Avenue, Winnipeg.

AINLEY, Mrs. L. T., 483 Wadlaw Avenue, Winnipeg.

BEATON, Mrs. W. G., 302 Montrose Street, Winnipeg.

BLAKE, Mrs. ROBERT, 184 1/2 St. John, Deer Lodge.

CAMPBELL, Mrs. B. J., 424 Charles Street, Winnipeg.

COLLIN, Mrs. I. D., 149 Donald Boulevard, St. Boniface.

DAVENPORT, Mrs. A. J., 1204 Wolsey Avenue, Winnipeg.

GRAHAM, Mrs. G. D., 111 Huron Street, Winnipeg.

HAUER, Mrs. U. G., 10 Yale Apartments, Winnipeg.

HAYES, Mrs. M. B., 223 Yale Avenue, Winnipeg.

HENBERT, Mrs. S. L., 49 Howeys Avenue, St. Vital.

LEIGHMAN, Mrs. A., 102 Chestnut Street, Winnipeg.

LEWIS, Mrs. H. R., 470 Greenwood Place, Winnipeg.

McCAIN, Mrs. A. R., 243 Dufferin Street, Winnipeg.

McINTOSH, Mrs. G. W., 203 Kennedy Street, Winnipeg.

MEINEL, Mrs. A. C., 924 Dorchester Avenue, Winnipeg.

MILNOT, Mrs. T. M., Mrs. A. Doherty Apartments, Winnipeg.

MORSE, Mrs. H. D., 180 Kensington Avenue, Winnipeg.

MURRAY, Mrs. W. F., 234 Oak Street, Winnipeg.

POWELL, Mrs. A. T., 258 Duffield Street, Winnipeg.

SWANMAN, Mrs. W. J., 1195 Linden Street, Winnipeg.

THOMSON, Mrs. J. B., 311 Balmoral Street, Winnipeg.

TURNBULL, Mrs. THOMAS, 9 Chelsea Court, Winnipeg.

WILLSON, Mrs. W. H., 265 Ash Street, Winnipeg.

TITAN CO. 2000

Telephone Mrs. A. J. Thompson, 100 South Street, Winnipeg.
 Mrs. J. A. Lewis, 217 High Apartments, Winnipeg.
 Mrs. M. H. McManis, 211 Washington Street, St.
 Louis.

[illegible]

TRANSPORTATION COMMITTEE

100

Chairman: Mrs. Lillian Linton 21 N. Main Street Winnipeg
John L. Chairman: Mrs. H. W. Linton 21 N. Main Street Winnipeg
John L. Secretary: Mrs. A. L. Linton 21 N. Main Street Winnipeg

Higgins, Mrs. J. A. 144 E. Franklin St., Canton, Mass.
 Hays, Mrs. C. 10 York Street, Weymouth
 Thomas, Mrs. W. B. 2nd Middle St., Weymouth
 Williams, Mrs. F. J. 10 West St., Weymouth

Abstract

[illegible]

Adjourned General Meeting

In the Winnipeg Winter Club

Official Welcome by The Honourable John Bracken, B.S.A.,
Prime Minister of Manitoba.

Official Welcome and Presentation of Flag of the City of
Winnipeg by Lieut-Col. Ralph H Webb, D.S.O., M.C.,
Mayor of Winnipeg.

INDUCTION OF PRESIDENT, 1930-31

1 The President, Prof Arthur H Burgess, M.Sc., F.R.C.S.,
D.L., will induct Prof W Harvey Smith, M.A., M.D., C.M.,
Professor Emeritus in Ophthalmology, Manitoba Medical College,
Consulting Ophthalmologist, Winnipeg General Hospital, as
President, 1930-31, and invest him with the Presidential Badge of
Office.

2. The President, Prof. W Harvey Smith, will take the chair

PAST-PRESIDENT'S BADGE

3 The President will call on the Chairman of Council, Henry
Britten Brackenbury, LL.D., M.R.C.S., L.R.C.P., to invest
Professor Arthur H Burgess, M.Sc., F.R.C.P., D.L., with Past-
President's Badge.

BADGE FOR PRESIDENT'S LADY

4. The Past-President, Professor A. H Burgess, will present
to the Association a Badge to be worn by the President's Lady
during the President's year of office, and will invest Mrs. Harvey
Smith with the Badge.

INTRODUCTIONS

5. Introduction to the President of new Vice-Presidents.

Alex. D. Blackader, B.A., M.A., M.D., M.R.C.S. (Eng.),
LL.D., Montreal.

Sir Ewen Maclean, M.D., D.Sc., F.R.C.P., Cardiff

6. Introduction to the President of new Honorary Members.

The Most Reverend Samuel Pritchard Matheson, D.D.,
D.C.L., LL.D., Archbishop of Rupert's Land and Primate of
All Canada.

Thomas Bassett Macaulay, Esq., F.I.A., F.A.S., LL.D.
(Edin., Abdn., McGill), Montreal.

7 Introduction to the President of Delegates from Kindred
Associations.

8. Introduction to the President of Foreign Delegates.

9. Introduction to the President of Delegates from Overseas
Dominions and Colonies.

PRESIDENT-ELECT

10. Receive: Report that W. G. Willoughby, M.D., D.P.H., Medical Officer of Health for Eastbourne, has been elected by the Representative Body as President of the Association for the year 1931-32.

SIR CHARLES HASTINGS PRIZE

11. Presentation of the Sir Charles Hastings Clinical Prize to Dr. William Henry Bradley, Stratton-on-the-Fosse, Somerset, for his clinical study entitled "Naso-Pharyngeal Epidemics in Public Schools." This prize was established to encourage research in general practice, and consists of certificate and a cheque for 50 guineas.

KATHERINE BISHOP HARMAN PRIZE

12. Presentation of the Katherine Bishop Harman Prize to Dr. Richard Robins Armstrong, London, and Dr. Harold Burt-White, London, for their joint essay entitled "The Problem of Puerperal Sepsis." This prize was established for the encouragement of study and research directed to the diminution and avoidance of the risks to health and life that are apt to arise in pregnancy and child-bearing. The prize consists of a certificate and a cheque for 80 pounds.

DAWSON WILLIAMS MEMORIAL PRIZE

13. Presentation of Dawson Williams Memorial Award, established to commemorate the late Editor of the British Medical Journal. The object of the fund is to give a prize in connection with Pediatrics, and this year the first award will be made in the form of a cheque for fifty guineas. The recipient is Dr. F. J. Poynton, who has been deemed to have done the best work in Pediatrics in the five years immediately preceding the date of the award.

PRESIDENT'S ADDRESS

14. The President will give his Presidential Address.

15. A Vote of Thanks will be moved to the President for his Presidential Address.

Annual Meeting, 1931

The Annual Meeting of the British Medical Association in 1931 will be held at Eastbourne under the Presidency of W. G. Willoughby, M.D., D.P.H.

General Information

Headquarters—Winnipeg Winter Club Telephone 23 305.

Entrance West side of building on Smith Street

Reception Room and Registration Office at north end of Commercial Exhibition in North Wing of Winter Club

The Scientific Sections will meet as outlined on page 137

The Adjourned General Meeting and the President's Address will take place in Auditorium in South Wing of Winter Club on Tuesday August 20th, at 1.00 a.m.

The Scientific Exhibition will be housed in the South Wing of Winter Club, immediately west of the Auditorium.

The Hobbies Exhibition occupies space on lower floor in Centre Section of Winter Club.

The Commercial Exhibition will occupy the entire North Wing of the Winter Club.

The Ladies' Social Club will have entire use of first floor in Centre Section of Winter Club.

All afternoon and evening addresses will be given in Auditorium in South Wing of Winter Club.

Excursions on the General Programme will start from Winter Club.

The Annual Dinner of the Association will be held on Thursday, August 28th, at 7.15 p.m., in Hudson Bay Co store. Tickets \$5.00 each, including wines.

LOCKER ROOMS

Locker rooms in the basement of the Winter Club are available and anyone desiring a locker for exclusive use during the meeting may have one reserved on application to the attendants on duty in the rooms.

POSTAL INFORMATION

Complete postal facilities will be available at the Post Office adjoining the Registration Office.

Hours 9 a.m. to 6 p.m. daily

Mail will close daily at 12 noon, 3.00 p.m. and 6.00 p.m. for despatch to General Post Office

All communications addressed care of B.M.A., Winnipeg, will be forwarded to this Post Office where mail should be enquired for and instructions given with regard to redirection after close of Annual Meeting.

This special office will be in charge of a member of the staff of the Winnipeg General Post Office.

Rates of Postage

Local Letters 2 cents first ounce. 1 cent each additional ounce.

Local Postcards 2 cents

To Great Britain and places within the Empire, France and the American Continent

Letters 2 cents per ounce.

Postcards 2 cents.

Closing hours at General Post Office for mail to

Montreal... 9.00 a.m. 5.00 p.m. 5.30 p.m.

Toronto... 9.00 a.m. 5.00 p.m. 5.30 p.m.

Western Canada... 8.30 a.m. 10.00 a.m. 5.30 p.m.

United States... 5.00 a.m. 4.30 p.m.

Great Britain—See special bulletin posted at Post Office adjoining Registration Office.

Air Mail service to Calgary, Edmonton, Medicine Hat and Moose Jaw, closes at 6.40 p.m. daily, catching the train for Vancouver at Calgary and thereby gaining one day.

Air Mail letter rate—5 cents first ounce, 10 cents each additional ounce.

TELEPHONE NUMBERS

B.M.A. Headquarters, Winter Club 22 306

Sections

Surgery Winter Club 22 306

Medicine St. Stephens-Broadway
United Church School 26 577

Obstetrics and Gynaecology Lecture Theatre "A",
University 39 821

Oto-Laryngology Law Courts (Room 226) 840 323

Diseases of Children Lecture Theatre "B",
University 39 821

Orthopaedics St. Stephens-Broadway
United Church School 26 577

Ophthalmology Law Courts (Room 219) 840 421

Bacteriology, Pathology,
Physiology and Bio-
Chemistry Law Courts (Room 119) 840 326

(Continued on page 86)

SECTIONS—(Continued)

Tuberculosis.	All Saints School	34 711
Radiology.....	Law Courts (Room 121).	340 325
Mental Diseases and Neurology	Lecture Theatre "C", University.....	39 821
Public Health	Legislative Building (Room 254)	340 276
Anaesthesia..	Legislative Building (Room 232)	340 276
History of Medicine and Medical Sociology	Legislative Building (Room 200).....	340 278

Camps

Granite Tourist Camp	38 625
Winnipeg Tourist Cabin Camp	43 479
St. Boniface-Norwood Tourist Camp	202 526
City Tourist Camp	57 880

Clubs

Manitoba Club	21 890
Carleton Club	23 851
Medical Arts Club	88 002

Hospitals

Winnipeg General Hospital	87 681
St. Boniface Hospital	201 121
Mercordia Hospital	37 035
Grace Hospital	37 271
King Edward Hospital	42 341
King George Hospital	42 341
Deer Lodge Hospital	61 229

Hotels

Royal Alexandra Hotel	87 321
Fort Garry Hotel	88 311
Marlborough Hotel	86 371
Empire Hotel	25 206
St. Charles Hotel	27 803
McLaren Hotel	27 314
St. Regis Hotel	22 801
Corona Hotel	25 237
Windsor Hotel	25 218
Brunswick Hotel	21 031
Y M.C.A.	22 861
Y W.C.A.	86 647
Salvation Army Cadet Training College	35 705
Manitoba Agricultural College	42 331

TELEPHONE SERVICE IN MANITOBA

The lines of the Manitoba Telephone System extend to all inhabited parts of the Province, and are equipped with modern repeater equipment making it possible to communicate by telephone from any point in Manitoba to all points in Canada, United States, Mexico and the Continent.

Trans-Atlantic Telephone Service has been extended to the following points:

Great Britain	Ceula
Germany	Gibraltar
Copenhagen, Denmark	Dublin
Oslo, Norway	Belfast
All points in Holland	Isle of Man
All points in Switzerland	Milan, Italy
All points in Belgium	Genoa and Turin, Italy
Danzig	All points in Czecho-Slovakia
Vienna, Austria	All points in Austria
Budapest, Hungary	Vatican City, Rome, and to
All points in Spain	many points in France and
Luxemburg City	Italy

There is a type of telephone service on out-of-town calls to suit every need, namely:

Station-to-Station Calls

Where you will speak to anyone within reach of the distant telephone.

Reduced rates on Station-to-Station calls are effective from 7.00 p.m. to 8.30 p.m., and further reductions from 8.30 p.m. to 4.30 a.m.

Person-to-Person Calls

Where you specify that a particular person is desired.

Phonograms

Between all points in Manitoba.

Trans-Atlantic Telephone Service

The same rates apply on Station-to-Station calls as on Person-to-Person calls.

Collect calls are not accepted.

NOTE.—Our Information Bureau located in the Main Lobby is for your convenience and to assist you in getting in touch with your friends. By registering with our Attendant at the Telephone Bureau, you will be assured of receiving your telephone calls from any local or distant point.

TELEGRAPH AND CABLE FACILITIES

Both Railway Companies will have representatives in their respective offices adjoining the Registration Office, in the Winter Club, prepared to supply full information with regard to cables and telegrams and accept messages for despatch to all points. Telegraph messages may be either prepaid or charges collected at destination in Canada and the United States.

Telegraph Rates from Winnipeg

Address of message and signature are not counted or charged.

	Full rate, 10 words	Additional words	Day- letter 30 words	Night- letter 30 words
Alberta	\$0 75	\$0 05	\$1 12	\$0 75
British Columbia	85	05	1 25	85
Saskatchewan. From Moose Jaw west	60	04	90	60
Saskatchewan. Moose Jaw and East	45	03	58	45
Ontario. Ft. William west	45	03	63	45
Ontario, Central Sudbury District	70	05	1 03	70
Ontario, Eastern Toronto and District	30	03	1 00	30
Quebec	80	05	1 20	80
Maritime Provinces	95	06	1 43	95

Cable Rates from Winnipeg

Cables must be prepaid unless previous agreement has been made with addressee to pay on receipt.

	Full Rate Per word	Day Letter Rate Per word	Cable Letter 20 words	Extra words	W. E. Letter 20 words	Extra words
Australia	\$0 38	\$0 10	\$3 60	\$0 15	\$2 30	\$0 11½
Bermuda	41	20½	No cable or week-end letter rate			
Gt. Britain & Ireland	27	13½	1 75	07	1 50	00
			25 words			
India, Ceylon, Burmah	04	32	3 60	18		
Japan	70	35	3 90	18½	No week-end letter rate	
Korea, Uguada	85	42½	4 60	23		
New Zealand	91	8	2 50	13	2 10	10½
Singapore	05	47½	No cable or week-end letter rate			
Union of South Africa	10	35	2 40	10	No week-end letter rate	

REGISTRATION OFFICE

The Registration Office is situated on the first floor of the Winter Club Building, and will be open as follows:

Monday, August 25th	1 p.m. to 6 p.m.
Tuesday, August 26th	9 a.m. to 6 p.m.
Wednesday, August 27th	9 a.m. to 6 p.m.
Thursday, August 28th	9 a.m. to 5 p.m.
Friday, August 29th	9 a.m. to 5 p.m.

Members are requested to register their names at the Registration Office immediately on arrival.

Arrangements have been made that the tickets for all events, those for ladies included, will be issued at the Registration Office. On registration, members will receive the Handbook of the Meeting, The Book of Canada, and Catalogue of Scientific Exhibits, official badge and badges for ladies accompanying members.

Branches of the post office, railroad steamship and telegraph companies and the Bank of Montreal will be operated in conjunction with the Registration Office.

Each member, after registration, will be entitled to apply for two tickets for any entertainment or function. After all other members are supplied, it may be possible to allot extra tickets to

those members requiring them. Tickets will be issued in priority of application on production of membership card only.

See detailed programme for full information on all meetings, excursions, entertainments, etc.

The Information Bureau, adjoining Registration Office, will gladly answer any inquiries and furnish any further information desired.

TICKETS FOR ENTERTAINMENTS, LUNCHEONS, DINNERS, Etc.

Ladies and gentlemen wearing the badge issued on registration will be admitted free to all events unless an admission charge appears on the programme.

Invitation cards or admission tickets may be obtained at the Registration Office at any time prior to the day named below, upon which a closing hour for disposal has been set.

Invitation cards for The National Temperance League Breakfast and Medical Missionary Breakfast will be available until 6.00 p.m. on the previous day.

Tickets for luncheons will be available until 11.00 a.m. on the day of the luncheon.

Tickets for Amateur Lacrosse semi-final game at Sherburn Park Tuesday August 26th, available at 75 cents each until 5 p.m. that day.

Tickets for afternoon tour will be on sale until 1.00 p.m. on Wednesday, August 27th.

Annual Dinner tickets, \$5.00 each, may be secured any time before 6.00 p.m. on Thursday, August 28th.

The Ice Carnival and Hockey Match tickets, \$1.00 each, will be on sale until 6.00 p.m. on Wednesday, August 27th.

Manitoba Horticultural Exhibition tickets, 25 cents each, can be purchased daily. Morning tea on Thursday August 28th and Friday August 29th, under special arrangements.

BADGES

A badge of membership will be given to all who register, while special badges will be worn as follows:

President, Past-President and President-Elect—Gold enamel badge, royal blue ribbon.

Officers and Officials of the Association—Enamel badge, royal blue ribbon.

Local Officials—Chairmen and Secretaries of Committees—Enamel badge, crimson ribbon.

Local General Secretaries—Enamel badge, red ribbon with white edges.

Presidents, Vice-Presidents and Secretaries of Sections—Enamel badge, green ribbon.

Officers of the Ladies' Committees will wear badges similar to those worn by the men.

Members and their wives, residing in Winnipeg—badge together with white ribbon stamped "Winnipeg".

Members and their wives from the British Empire other than Canada—badge together with white ribbon stamped "Overseas".

WRITING AND READING ROOMS

Writing rooms for both ladies and gentlemen will be provided in the Winter Club. The Ladies' Social Club contains a reading room in which daily papers, British, American and Canadian magazines will be available. Writing and reading rooms will also be found in the Clubs which have offered their privileges to B.M.A. and C.M.A. members.

LUNCHEONS, TEAS, ETC.

Daily during the Meeting lunch and dinner will be served at the Winter Club. Tickets—Lunch 60c, Dinner \$1.00, on sale each morning at Registration Office.

For ladies accompanying members arrangements have been made for morning coffee and light refreshments at the Ladies' Social Club from 10.00 a.m.

The following luncheon and tea rooms are convenient to the centres of activity of the Meeting

	Lunch	Dinner
Fort Garry Hotel.	\$1.00	\$1.50
Royal Alexandra Hotel.	\$1.00	\$1.50
Manborough Hotel		
Main Dining Room.	60c	\$1.25
Coffee Shop.	60c	A la carte
St. Charles Hotel		
Empire Grill Room	A la carte	
Coffee Room	60c	50c
Hudson's Bay Co. Store		
Dining Room	50c—\$1.00	\$1.00
	(8 to 8 p.m., 25th, 27th, and 29th August)	
	Also a la carte	
Cafeteria.	30c (11 a.m. - 6 p.m.)	
Coffee Shop & Soda Fountain	30c (11 a.m. - 2.30 p.m.)	
T. Eaton Co. Ltd		
Grill Room	50c—\$1.00	
Spanish Coffee Court	60c—\$1.00	
Cafeteria	A la carte	
Luncheonette	A la carte	
Picardy Candy Shops		
Broadway & Colony.	} Light Lunches, Teas, etc., 50c up	
114 Osborne St.		
Four Stores on Portage Ave.		
Mocres Limited		
Mikado, 281 Smith St.	50c, 60c, \$1.00	85c—\$1.00
Coffee Shop, 279 Smith St.	50c	55c
	Also a la carte	
Sandwich Room,		
271 Kennedy St.	A la carte	\$1.00
Blue Kitchen, Y.M.C.A.		
Bldg. (open to both ladies and gentlemen).	50c—\$1.00	55c—\$1.00

Restaurants

Portage & Vaughan

Lunch Room

45c—75c

75c up

Also à la carte

Soda Fountain Luncheonette

35c

40c

Also à la carte

292 Main, at Graham

Lunch Room

35c

A la carte

Soda Fountain Luncheonette

35c

A la carte

There are many other Hotels and Restaurants within a convenient radius.

LIQUOR LAW IN MANITOBA

All liquor sold in Manitoba for private consumption, must either be purchased on a permit from one of the stores of the Government Liquor Control Commission or in a beer parlor. Any person over 21 years of age may make application for a permit providing that such person has a permanent or temporary residence in the Province of Manitoba. Liquor may be purchased from the Commission stores either on the cash and carry or delivery system. The liquor is sold in sealed packages and must be carried directly to the permittee's residence (or hotel room) with the seal unbroken and must be consumed only at that residence. The term liquor includes beer, ale, wine and all potable alcohol.

Under our liquor legislation hotels may operate beer parlors in conjunction with the main hotel. These parlors are under strict supervision. Any male over 21 years of age may enter a beer parlor and purchase beer by the glass or bottle whether he is a permit holder or not. Beer purchased in a beer parlor must be consumed on the premises and it is an offence under the Act, to take such beer off the premises or into any other room of the hotel.

CLUB PRIVILEGES

The following clubs have very kindly offered honorary membership for the period of the Meeting to members of the Association. Members will be admitted on production of membership card.

Manitoba Club

Carleton Club

Medical Arts Club.

GOLF FACILITIES FOR MEMBERS

The following Clubs have granted honorary membership to visiting members of the Association, from Friday, August 22nd, to Friday, August 29th, 1930.

St. Charles Country Club.

Niakwa Country Club.

Pine Ridge Golf Club.

Elmhurst Golf Club.

Winnipeg Golf Club.

THE ANNUAL DINNER OF THE ASSOCIATION

The Annual Dinner will be held in the Hudson's Bay Company Store on Thursday, August 28th at 7:15 p.m.

The price of the ticket is \$5.00 including wines.

Tickets can be obtained at the Reception Room not later than 6:00 p.m. on Thursday August 28th.

The Princess Patricia's Canadian Light Infantry Band will play from 7:00 p.m. in the Dining Room.

Dinner will be served promptly at 7:15 p.m.

Ladies and a limited number of lay guests may be invited.

TOAST LIST

"THE KING



"THE EMPIRE

The Rt. Hon. Lord MOUNTBATTEN OF LEIPS,
K.C.M.G., C.B., M.D., M.S., F.R.C.S., LL.D.

W. W. WHITE, M.P.P., M.A., M.D., C.M., F.R.C.P., F.R.C.S., F.A.C.S., LL.D.
Mayor of St. John, N.B.



"THE BRITISH MEDICAL ASSOCIATION

W. W. CHURMAN, B.A., M.D., F.R.C.S. (Edin.) LL.D.

C. D. HAWTHORNE, M.D., F.R.C.P., F.R.F.P. and S.
Chairman of Representative Body, British Medical Association



"GUESTS

Sir Sir CLAIR THOMSON, B.A., M.D., F.R.C.P., F.R.C.S.

Wm. GERRY MONTAN, M.D., President, American Medical Association



"THE LADIES

Professor A. H. BURROWS, M.Sc., F.R.C.S., D.L.

Mrs. W. HARVEY SMITH

RELIGIOUS SERVICES

The Official Religious Service will be held at the Parliament Buildings, Tuesday, August 28th at 3:45 p.m.

His Grace The Archbishop of Rupert's Land, Primate of All Canada, will preach.

Academic Dress will be worn at the service, and members will assemble and robe at the Winnipeg Winter Club not later than 3:00 p.m., when the procession will be formed. Members may disrobe at the Winter Club after the service. Afternoon tea will be served in the Ladies' Social Club from 4 to 6 p.m., on the invitation of the Ladies' Committee.

Mass at St. Mary's Roman Catholic Cathedral, St. Mary's Avenue and Hargrave Street at 7:00, 7:30 and 8:15 each morning. Evening service at 7:30 each evening.

The Most Reverend Alfred Arthur Sinnott, D.D., Archbishop of Winnipeg, will hold a Reception at the Archbishop's Palace, St. Mary's Avenue and Carlton Street, at 5 p.m. Tuesday, August 28th.

THE LEGISLATIVE BUILDING

of the

Province of Manitoba,

WINNIPEG, 1930



The Form and Order of the Official Service

of

The 98th Annual Meeting

of

THE BRITISH MEDICAL ASSOCIATION

TUESDAY, AUGUST 26th, 1930

at 3.45 p.m.

Order of Service

Under the direction of

THE MOST REV. THE ARCHBISHOP OF RUPERT'S LAND,
PRIMATE OF ALL CANADA

HYMN

*This and all other hymns will be accompanied by the Princess
Patricia's Band and conducted by Director of
Music, Capt. T. W. James.*

O God, our help in ages past,
Our hope for years to come,
Our shelter from the stormy blast,
And our eternal home!

Beneath the shadow of Thy throne
Thy saints have dwelt secure;
Sufficient is Thine arm alone,
And our defence is sure.

Before the hills in order stood
Or earth received her frame
From everlasting Thou art God.
To endless years the same.

A thousand ages in Thy sight
Are like an evening gone,
Short as the watch that ends the night
Before the rising sun.

Time, like an ever-rolling stream,
Bears all its sons away,
They fly forgotten as a dream
Dies at the opening day

O God, our help in ages past,
Our hope for years to come,
Be Thou our guard while troubles last
And our eternal home!

Amen.

All shall stand with bowed heads and repeat the Lord's Prayer together

Afterward the Minister shall say:

O Lord, open Thou our lips,

Response—And our mouth shall shew forth Thy praise.

M O God, make speed to save us.

R—O Lord, make haste to help us.

M—Glory be to the Father, and to the Son and to the Holy Ghost.

R As it was in the beginning is now, and ever shall be, world without end. Amen.

M Praise ye the Lord!

R—The Lord's Name be praised.

Then shall be sung Psalm 19, by the Choir, unaccompanied.

- 1 The heavens declare the glory of God: and the firmament sheweth his handy work.
- 2 One day telleth another and one night certifieth another.
- 3 There is neither speech nor language: but their voices are heard among them.
- 4 Their sound is gone out unto all lands: and their words into the ends of the world.
- 5 In them hath He set a tabernacle for the sun: which cometh forth as a bridegroom out of his chamber, and rejoiceth as a giant to run his course.
- 6 It goeth forth from the uttermost part of the heaven, and runneth about unto the end of it again: and there is nothing hid from the heat thereof.
- 7 The statutes of the Lord are right and rejoice the heart: the commandment of the Lord is pure and giveth light unto the eyes.
- 8 Who can tell how oft he offendeth: O cleanse Thou me from my secret faults.
- 9 Let the words of my mouth and the meditation of my heart be always acceptable in Thy sight.
- 10 O Lord: my strength and my redeemer.

Glory be to the Father, and to the Son, and to the Holy Ghost; As it was in the beginning, is now, and ever shall be, world without end. Amen.

LESSON St. Luke vii 1-10

*To be read by the President of the British Medical Association,
Professor W. Harvey Smith.*

Antiphon by the Choir, unaccompanied.

THE CHERUBIC HYMN - - - - *Gretchaninoff*

Holy, Holy, Holy, ever blessed Lord God Almighty,
Holy, Holy, God in Three Persons, blessed Trinity

Saints and Martyrs bless and praise Thee,
Angels and Arch-Angels praise Thee, singing,
Heaven and earth are full of Thy great glory.
Glory be to Thee, Glory be to Thee, O Lord.

Holy, Holy, Holy, ever blessed Lord God Almighty,
Holy, Holy, God in Three Persons, blessed Trinity. Amen.

Glory be to God in the Highest, Glory to God the Father,
Glory to the Son, and to the Holy Ghost, Alleluia.

Let us pray

Minister.—The Lord be with you.

Response. And with thy spirit.

M.—O Lord, shew Thy mercy upon us.

R.—And grant us Thy salvation.

M.—O Lord, save the King.

R.—And mercifully hear us when we call upon Thee.

M.—Endue Thy Ministers with righteousness.

R.—And make Thy chosen people joyful.

M.—O Lord, save Thy people.

R.—And bless Thine inheritance.

M.—Give peace in our time, O Lord.

R.—Because there is none other that fighteth for us but only
Thou, O God.

M.—O God, make clean our hearts within us.

R.—And take not Thy Holy Spirit from us.

Almighty God, who calledst Luke the physician, whose praise
is in the Gospel, to be an Evangelist and Physician of the soul.
May it please Thee that, by the wholesome medicines of the
doctrine delivered by him, all the diseases of our souls may be
healed, through the merits of Thy Son, Jesus Christ our Lord.
Amen.

O, Almighty God, Who hast knit together Thine elect in one community and fellowship in the mystical body of Thy Son, Christ our Lord, grant us grace so to follow Thy blessed Saints in all virtuous and godly living, that we may come to those unspeakable joys which Thou hast prepared for them that unfeignedly love Thee, through Jesus Christ our Lord Amen.

HYMN

Unto the hills around do I lift up
My longing eyes,
O whence for me shall my salvation come,
From whence arise?
From God the Lord doth come my certain aid,
From God the Lord Who heaven and earth hath made.

He will not suffer that thy foot be moved.
Safe shalt thou be.
No careless slumber shall His eyelids close,
Who keepeth thee.
Behold our God, the Lord, He slumbereth ne'er,
Who keepeth Israel in His holy care.

From every evil shall He keep thy soul,
From every sin,
Jehovah shall preserve thy going out,
Thy coming in.
Above thee watching, He Whom we adore,
Shall keep thee henceforth, yea, for evermore. Amen.

Note.—During the singing of this hymn a collection will be taken for the British Medical Association Charities, one-quarter of which will be devoted to the purpose of placing in the Medical College of Winnipeg some permanent memorial of the visit of the British Medical Association to Winnipeg.

THE SERMON

*By His Grace the Archbishop of Rupert's Land,
Primate of All Canada*

HYMN

For all the Saints who from their labours rest,
Who Thee by faith before the world confessed,
Thy Name, O Jesus, be for ever blest.

Alléluia!

O blest communion! Fellowship divine!
We feebly struggle, they in glory shine;
Yet all are one in Thee, for all are Thine,

Alléluia!

The golden evening brightens in the West;
Soon, soon to faithful warriors comes their rest,
Sweet is the calm of Paradise the blest,

Alléluia!

But, lo! there breaks a yet more glorious day,
The saints triumphant rise in bright array;
The King of Glory passes on His way,

Alléluia!

From earth's wide bounds, from ocean's farthest coast,
Through gates of pearl streams in the countless host,
Singing to Father, Son and Holy Ghost,

Alléluia!

Let us pray.

Almighty God our Heavenly Father, we remember with thanksgiving before Thee today the Founders of the British Medical Association departed out of this present life. We thank Thee for what Thou didst enable them to do for the advancement of science and learning and for the healing and arresting of disease and suffering. We beseech Thee that, as they for their time bestowed generously of their time and their talents for the good of human-kind, so may we for our time fruitfully use the results of their labours and in our turn add to the benefits which have come to us by their achievements. We ask all this for the sake of Jesus Christ our Lord. Amen.

BENEDICTION

GOD SAVE THE KING

ACADEMIC DRESS

Members of both Associations are requested to wear academic dress or uniform on the following occasions:

Tuesday, August 26th Adjourned General Meeting and
President's Address.

Official Religious Service.

Archbishop's Reception.

Presidential Reception.

Thursday, August 28th Conferment of Honorary Degrees.

Friday, August 29th Luterian Orations.

Decorations and miniatures should be worn with formal evening dress.

Gowns and caps may be rented at the Winter Club (basement), at \$5.00 for the week. As the supply will be limited it is important that an early application for robes be made by those requiring them. All rented articles are to be returned to the Winter Club not later than Saturday, August 30th.

THE BOOK OF CANADA

Under the editorship of Professor Chester Martin, M.A., LL.D., University of Toronto, W. Stewart Wallace, M.A., and T. C. Routley, M.B., 'The Book of Canada' (with numerous illustrations), has been published by the Canadian Medical Association. It presents authoritative articles on the place of medicine, the history of Canada, geology, mineral wealth, water power and development, higher education, medical education and banking in Canada, wheat, the new North, the railways, Indians and national parks, together with articles on each of the nine provinces written by the premier of each province.

It is hoped that the book will be treasured as a memento of the meeting.

A copy will be presented to each member on registration at the Registration Office.

This book has been made possible by the generosity of the following friends of the Canadian Medical Association:

The Ontario Medical Association.

The Sun Life Assurance Company of Canada.

The Ontario Equitable Insurance Company.

The Great West Life Assurance Company.

The London Life Insurance Company.

The Confederation Life Association.

The Canada Life Assurance Company.

The Imperial Bank of Canada.

The Bank of Toronto.

The Bank of Nova Scotia.

The Canadian Bank of Commerce.

The Royal Bank of Canada.

The Dominion Bank.

TRANSPORTATION

Deposit your Railway Certificates at Registration Office before 4 00 p.m., 28th August.

To secure half fare we require to present not less than 150 Certificates to Railways' Special Representative, less than that number means "No Half Fare". The reduction for those who have come from a considerable distance is considerable, turn in your Certificate early and co-operate in securing the benefit of reduced railroad fares.

Sign your Certificate and turn it in now.

Place a B.M.A. badge on your windshield, this will assist you when looking for Parking Space and in many other ways. Ask for one at Transportation Department in Registration Office.

Information regarding buses, cars and taxis can be obtained and vehicles hired at Transportation Office, inside Main Entrance to Winter Club. Telephone 23 331.

MOTORING FACILITIES

Garages for members' cars are available and information can be obtained at Transportation Department in Registration Office.

The Manitoba Motor League, with offices at 204 Scott Block, Main Street, Telephone 22 447, have very kindly placed their services at the disposal of members and will furnish information with regard to roads and supply maps to anyone wearing the badge of the meeting.

A daily road report will be posted at the Registration Office through the courtesy of the Manitoba Motor League.

A British Medical Association adhesive badge for the windshield of members' cars will be provided at the first parking place used or can be obtained at the Transportation Department in the Registration Office.

MOTOR TOURIST CAMPS

The City Camp, maintained by the Winnipeg Parks Board, at the corner of Dufferin and Arlington in the north-western part of the city. The charge is 50 cents a car per day. The Granite Club Camp, on the bank of the Assiniboine near Osborne Bridge and the Legislative Building, provides many facilities at a charge of \$1.00 a car per day. The St. Boniface-Norwood Camp on Marion Street, a few blocks east of the business centres of St. Boniface and Norwood, and two miles from the Parliament Building.

Winnipeg Tourist Cabin Camp, Pembina Highway. Cabins from \$1.50 to \$3.00 a day according to the number occupying them. Electric light, heated, shower baths and complete restaurant facilities. Telephone 43 479.

Sports Programme

Wednesday, August 27th —Golf Competition for the Canadian Medical Association Cup, presented by the Ontario Medical Association for annual competition, and known as "The Ontario Cup", at Nisawa Country Club, Winnipeg, 8 a.m.

Thursday, August 28th Golf Competition for Ulster and Childs Cups, at St. Charles Country Club, Winnipeg, 8 a.m.

Friday, August 29th. Ladies' Golf Competition for the Notts Ladies' Challenge Cup. at St. Charles Country Club, Winnipeg, 9.30 a.m.

Following the Competition for the Notts Ladies' Challenge Cup a Hidden Hole Competition will be held, for which all doctors' wives are eligible.

Golf Competitions

THE ONTARIO CUP

The Ontario Medical Association in 1927 presented to the Canadian Medical Association "The Ontario Cup," a perpetual trophy to be played for at the Annual Meeting of the Canadian Medical Association, and to be held by the winner until the next competition, the winner to be responsible for the delivery of the Cup to the next place of competition one week before the Annual Meeting. The following are the winners up to date —

1927	—	Dr Roy Thomas	Toronto, Ontario.
1928		Dr J. J. MacDonald.....	New Glasgow, N.S.
1929	—	Dr C. B. Keenan	Montreal, P.Q.

ULSTER CUP

In 1909 the Ulster Medical Society presented to the British Medical Association a cup to be played for at Annual Meetings and to be won out and out by any member winning it three times in all or twice in succession. The following is the list of winners whose names are engraved on the base.—

1909		Dr R. A. Shackleton	Hollywood
1910	—	Dr G. E. Heston	London
1911		Dr W. J. MacCardie	Birmingham
1912		Mr Albert Lucas	Birmingham
1913		Dr H. L. Hatch	Pinner
1914		Dr D. Barty King	London
1920	—	Mr Albert Lucas	Birmingham
1921		Mr S. T. Irwin	Birmingham
1922	—	Dr J. W. Macfarlane, M.C.	Glasgow
1923		Dr T. B. Johnson	Oxford
1924	—	Dr J. Henderson	Glasgow
1925		Dr G. Broad	Glasgow
1926	—	Dr J. M. Mitchell	Belton
1927		Dr A. J. Cronin	London
1928	—	Dr J. Jones	Southern-down
1929	—	Dr Henry Holt	Stockport

CHILDE CUP

The late Mr C P Childe, F.R.C.S., M.R.C.P.E., President 1923-24, presented a cup, to be known as the "Childe Golf Cup," for competition at the Annual Meeting of the Association.

While offering the cup entirely free of conditions, he suggested the following, which the Council gladly accepted

1. That it should be a Challenge Cup to be competed for annually at the same time as the Ulster Cup.

2. That the Competition be limited to members with a handicap of ten or over

3. That the winner be a member with a handicap of ten or over making the best score in the Ulster Competition, provided that in the event of such a member winning the Ulster Cup the Childe Cup shall go to the member with a handicap of ten or over making the next best score

The Competition was inaugurated at the Portsmouth Meeting. The winners up to date are

1923	—	Dr J T D Kyffin	Whitchurch
1924	—	Dr J J Buchan, M.O.H.	Bradford.
1925	—	Dr W V Wood, M.C.	Yatton, Somerset
1926	—	Major-General Sir W Macpherson, K.C.M.G., C.B.	London
1927	—	Dr R Reid Duncan	Airthwaite.
1928	—	Dr D Wardrop	Rugby
1929	—	Dr D Wardrop	Rugby

Rules and Regulations for Play

ONTARIO CUP

The Ontario Cup is open to all members of the British Medical Association and Canadian Medical Association, the maximum handicap allowed being 24 (Canadian) or the British equivalent.

The Competition will be held on the course of the Niakwa Country Club, Winnipeg, on Wednesday, August 27th, and will consist of one handicap medal round.

Play will commence at 8 a.m., and no cards will be issued after 3 p.m. In the event of a tie the score over the last nine holes shall determine the winner.

A miniature replica of the Cup and four other prizes will be presented by the Canadian Medical Association.

A special "Guest Prize" will be presented by the Winnipeg Medical Society for the best net score returned by anyone registered at the Annual Meeting who is ineligible to compete for the other prizes.

Entry to be made at Registration Desk before 6 p.m. on Tuesday, August 26th. Entrance fee \$1.00.

Transportation can be arranged at Registration Desk.
Luncheon and Tea can be obtained at Club House.

ULSTER AND CHILDE CUPS

Both cups will be played for during the same round. The Ulster Cup is open to all members of the Association, the maximum handicap allowed being 18. The Childe Cup is open to all members of the Association who have a handicap of 10 or over 18 again being the maximum allowed. Play in both cases is against bogey. If the Ulster Cup is won by any competitor with a handicap of 10 or over the Childe Cup will be presented to the player (with a handicap of 10 or over) with the next lowest score. The handicap figures (10 and 18) used, are on the British basis of handicapping. In the case of Canadian entries, the Canadian equivalent is understood.

Conditions of play are as follows:—

1. One round of 18 holes to be played on Thursday, August 28th, by kind invitation of St. Charles Country Club, Winnipeg.

2. Competitors are not permitted to put in previous play on the course on the day of competition.

3. Intending competitors are requested to furnish with their entry, a certificate signed by their Club Secretary, stating (a) their lowest handicap, (b) the bogey score of their own course, and (c) the length of their course.

(4) Entries to be made at Registration Desk before 6 p.m. on Wednesday, August 27th. Entrance fee, \$1.00.

(5) Competitors may choose their own partners, although partners will be arranged for by the Committee on notice being given at the time of entry.

(6) Play to commence at 8 a.m. No cards to be issued after 3 p.m.

A miniature replica of the Ulster Cup will be presented to the winner and a special prize donated by Mrs. W. Harvey Smith to the runner-up.

A miniature replica of the Childe Cup will be presented to the winner, and a special prize donated by the Manitoba Medical Association to the runner-up.

No player is eligible to receive more than one of these prizes.

Transportation can be arranged at Registration Desk.

Luncheon and Tea can be obtained at the Club House.

NOTTS. LADIES' CHALLENGE CUP

Mrs. L. Owen Taylor, of Nottingham presented in 1926 a Cup, to be known as the "Notts. Ladies' Challenge Cup," for competition at the Annual Meeting of the Association. The competition was inaugurated at the Nottingham Meeting, and the following is the list of winners up to date:

1926—Dr. Chodak Gregory, London.

1927—Mrs. G. Lowry, Belfast.

1928—Miss Margaret Thomas, Swansea.

1929—Mrs. G. M. Benton, Manchester.

The conditions of play are as follows:

The Competition to be played under the Ladies' Golf Union Handicap Rules (Medal Round, 18 holes) during the Annual Meeting.

The winner to hold the Cup for 12 months.

In the event of a tie the last 9 holes to decide.

Entrance fee: 50 cents, to be paid to the Secretary of the Local Ladies' Golf Committee.

A miniature replica of the Cup will be given to the winner, and a scratch prize has been donated by Mrs. W. Harvey Smith, wife of the President.

The Competition will be open to the following: Lady members, wives of members, and daughters of members. Other relatives accompanying members to the meeting may be allowed to compete at the discretion of the Local Ladies' Golf Committee.

Competitors to send their full name, address, and L.G.U. handicap, together with the entrance fee, to the Secretary of the Local Ladies' Golf Committee.

The Council of the British Medical Association to have power to amend and add to these rules, after consultation with the Ladies' Committee for the time being responsible for arranging the competition.

The Cup is the property of the Council of the B.M.A. and cannot be won outright.

The winner will be held responsible for the safety and insurance of the Cup until the next Annual Competition.

The Ladies' Golf Competition for the Notts Ladies' Challenge Cup and other prizes will take place on Friday, August 29th, at the St. Charles Country Club. Competitors should give their full names, addresses, and L.G.U. handicaps, also stating qualifications to compete, to Mrs. William Boyd, 77 Queen's Street, Winnipeg, or at the Ladies' Social Club, as early as possible on arrival.

Following the competition for the Notts Ladies' Challenge Cup a Halden Hole Competition will be held for which all doctors' wives are eligible.

Cars leave the Ladies' Social Club at 8.45 a.m.

A buffet lunch will be served at the St. Charles Country Club, after which the prizes will be presented.

A SHORT HISTORY OF LACROSSE

Lacrosse is the oldest known athletic contest played on the American continent, and one of the oldest organized games in the world. When the first settlers arrived in this country they found the Indians playing a game which, next to war, held the chief place in their interest. It has been suggested that Lacrosse was taught them by the Norsemen, but a study of the Latin records of Indian life shows the game to have been so widely distributed among the various tribes, and so diverse in type of playing implement, that there is little doubt that it was of native origin, developing slowly through many generations. The French colonists saw in its chief implement, the stick, a strong resemblance to a bishop's

quest and gave it the name of "La Crosse" which it has since borne.

The game as played by the Indians was a form of war maneuver in which whole tribes were pitted against each other. The goals were situated from one to twenty miles apart and any part of the intervening territory was playing ground. Contests often lasted a week and the game was a grueling test of courage and endurance. The ball used was a leather filled with feathers, and of about the same weight and size as at present.

Originally the goal consisted of a single post and a game of goal was won by hitting this post with the ball. Later two posts were used and goals scored by passing the ball between them. The use of the present game was introduced by the white man. The goal post or posts were defended by a ring of players, the prototype of the modern game center, and the attacking side had to discover ways through this ring.

From such a beginning the game has slowly developed to its present form and is now extensively played in Canada where it is the national game, the United States (not British Ireland and Australia). It has been an organized game among the colleges of the United States since 1861, but only during the past decade has its growth among collegiate institutions assumed present proportions. The first intercollegiate athletic contest in America was a game of lacrosse played more than a hundred years ago.

Lacrosse is played on a field of nearly the same dimensions as a football stadium. The goals which are situated on the boundary goals are constructed of two timbers about four square with tops of pyramidal shape facing each other. These goals are placed 110 yards apart on the long-ends, centre of the field, and are situated within an area 15x17 known as the crease. Players of the attacking side are not permitted to go at any time within this area, and goals scored when attacking players are within the crease do not count.

Boundaries of the playing field are marked with white lines as in football, the centre being made for 20 or more yards of playing space behind the goals. A line the lateral centre of the field is known as centre field line and is the centre of the end in a sense 20 ft. distance from which the play is started. The offside rule which provides that at least three players must remain behind the ball when the latter is being passed and subject to goalkeepers was adopted in 1900, a few years after the game had greatly improved, the game making it impossible at a time to a football team to play without the goal of the other team, such as the play and thereby consequent passing which is one of its particular feature.

There has up to this time been no goal as in football and there are 12 players on a side. The game is played in four periods of twenty minutes each and a game of a few score may easily in a 40 minute period may be played.

Play is started by the toss of the centre up the circle in the centre of the field. The toss corresponds to the throw-off in football and the tip-off in basketball. It is executed by placing

the ball which is of solid white hard rubber between the backs of the sticks of the opposing players and at the sounding of the referee's whistle the sticks are drawn apart each player endeavoring to control the ball and direct its course towards one of his companion players. The side securing the ball as the result of the drive attempts to carry it towards the opponents' goal. The ball may be carried in the stick or thrown to another player of the same side or if on the ground may be knocked or kicked. The ball is thus advanced until it is shot into the opponent's goal and a point scored or until the opposing side secures possession of it and in turn starts advancing it toward the other goal. The ball must not be touched with the hands by any one save the goal keeper who has the privilege of stopping and turning it aside in that manner.

It is the duty of the attacking players or the offense to advance the ball into the opponents' territory and score goals and this is accomplished by intensive and coordinated team play often the men scoring the goals being less responsible for these scores than other players who have instructed them into the right position and given them the ball.

The function of the defender is to keep the attack from advancing the ball. This is done by either intercepting a pass or body-checking a runner. Checking which corresponds to tackling in football can be practiced only upon a man actually in possession of the ball or within reach of it. The chief member of the defense is the goal tender a position of great responsibility and requiring a high degree of proficiency in stick handling.

On Tuesday August 26th at 5.30 p.m. in Sherburn Park, Portage Avenue the lacrosse match to be played will decide the team to represent Western Canada in the competition for the Mann Cup emblematic of the amateur lacrosse championship of Canada. The final game will be played at Toronto by teams representing Eastern and Western Canada. Tickets 75 cents may be obtained at Registration Office up to 5 p.m., Tuesday, August 26th.

LAWN TENNIS

The following tennis clubs have kindly offered members of the Association, and ladies accompanying members, the privilege of playing on their courts during the Annual Meeting.

The Winnipeg Tennis Club, Roslyn Road

Canadian National Tennis Club, corner Broadway and Smith Streets.

Hudson & Bay Tennis Court, Broadway (between Fort and Garry Streets).

Mrs. G. E. Fairbairn, 46 Osborne Street, has also kindly put her tennis courts at the disposal of members of the Association and their ladies.

SWIMMING

The pool at the Winnipeg Winter Club, headquarters of the meeting, will be open between 9 a.m. and 6 p.m.

ICE CARNIVAL AND HOCKEY MATCH

In The Amphitheatre, Whitehall

WEDNESDAY, AUGUST 27TH, AT 8.15 P.M. TICKETS, \$1.00.

Arrangements have been made for the artificial ice in the Amphitheatre to be ready 15 days before the Annual Meeting, during which time our skating experts and hockeyists will be in training for the fancy ice skating and amateur hockey match.

Winnipeg is justly proud of its fancy skaters and hockeyists, and with the varied programme offered this event is one which should not be missed.

FIGURE SKATING EXHIBITION

EVENTS

BAND SELECTIONS

1. WINNIPEG WINTER CLUB VARIETED EIGHT - *Vincent Nelson*
 Miss Margaret Winks Donald H. Barn
 Miss Gladys Tremayne Philip Lee
 Miss Maude Porteous C. W. J. Vincent
 Mrs. J. C. B. Grant A. D. Duncan
2. THE CAT NINETIES (Comic) - - - - - *Daisy Dorey*
 Lewis Elkin Robert Swan
3. WALTZING - - - - - *Charmane*
 Winnipeg Winter Club Members
4. WINNIPEG WINTER CLUB FOURS - - - *Merry Widow Waltz*
 Miss Margaret Winks Donald H. Barn
 Miss Maude Porteous C. W. J. Vincent
5. DANCE—TWO-STEP - - - - - *Tip-Toe Through the Tulips*
 Winnipeg Winter Club Members
6. SOLO - - - - - *Over the Waves*
 Miss Frances Fletcher, Lady Champion, Winnipeg Winter Club
7. A RAPPORT—PAIR SKATING - - - - - *Charmane*
 Miss Margaret Winks Lewis Elkin
 (Runners-up in Canadian Pair Championship)
8. COMIC SKETCH - - - - - *The Bowery*
 Philip Lee Bobby McNeil
9. FANTASY—PAIR SKATING - - - - - *National Federation*
 Miss Maude Porteous C. W. J. Vincent
 (Winnipeg Winter Club Champions, 1930)
10. SOLO - - - - - *La Ceneria*
 Lewis Elkin
 (Winnipeg Winter Club Champion, 1928-29-30)

HOCKEY MATCH

(Three Periods of 15 Minutes Each)

Winnipeg versus NATIVE SONS OF CANADA

EXHIBITION OF DANCES by Winnipeg Winter Club Members during the two intervals of 10 minutes each in Hockey Match.

MUSIC by FRANCES PATRICK'S CANADIAN LIGHT INFANTRY BAND under Director of Music CAPTAIN T. W. JAMES

Excursions

AERIAL TOURS

Exactly sixty years ago Sir Garnet Wolseley, in command of the expedition to quell the disturbance in the Red River Settlement, arrived at Kenora. Three months of arduous travel by lake and portage had elapsed since leaving Toronto: there yet remained eight more days of hazardous river travel before the expedition would arrive at Fort Garry now Winnipeg.

Members of the British Medical Association may follow the line of Lord Wolseley's river route by air from Kenora to Winnipeg, but in their case it will be a matter, not of eight days, but of little more than two hours.

Going aboard the Western Canada Airways' Super-Fokker at Kenora or Minaki, the traveller can visualize in comfort from above the difficulties and dangers of the water route: roaring



Falls on Winnipeg River

rapids, foaming falls and laborious portages. The Red River Expedition had to make over fifty portages between Port Arthur and Winnipeg.

On each side of the river a vista of innumerable lakes stretches as far as the eye can see: the intervening country thickly covered with pine, poplar and spruce.

Apart from the historical interest of the route from Kenora to Winnipeg with its portages, forts and Indian reservations, the scenic beauty of the trip will well repay the traveller. Typical Ontario rock and forest characteristics terminate on the north side of the shore of Lake Winnipeg, to the south gradually merging through the marshes and low levels of the estuaries of the Winnipeg and Red Rivers into the lush gravel farm lands of the Manitoba prairie.

Commercially the area was endowed by nature in one of her happiest moods of distribution. Minerals, wealth untold with a supply of "White Coal" natural water power available immediately at hand, and this so extensive that it is estimated to

be sufficient for the requirements of a city five times the present size of Winnipeg.

Those members of the travel party who are interested in the mining developments of this area are advised to take the Western



Pointe du Bois Winnipeg River City of Winnipeg Hydro-Electric Plant.

Canada Airways Aeroplane at Lac du Bonnet. This town lies 70 miles north-east of Winnipeg. Train and bus connections are available. The road is good. From Lac du Bonnet an air mail and passenger service is maintained into the Central Manitoba mining field. All the mines in this area are within 100 miles—or 50 minutes flight—of Lac du Bonnet.



Flowers Chosen Winnipeg River Winnipeg Electric Company's Hydro-Electric Plant.

While in Winnipeg members of the British Medical party will be able to take flights over the City of Winnipeg and out to the historic Lower Fort Garry. This fort is in an excellent state of preservation being by far the most complete of any of the Hudson Bay forts.

The arrangements for the flights from Regina and Minnaka to Winnipeg are tentative. Each Super-Fokker plane carries six persons and pilot. Bookings should be in multiples of 6.

INDIAN VALENT

A band of Indians from the tribe of "Plain Crees" are encamped a short distance south west of the City. There are 75 braves with their families and ponies, and the 22 tepees pitched in one row along the edge of the bush make a striking picture.

From noon on Tuesday, 26th August, until 4.00 p.m. Thursday, 28th August the encampment will be open for inspection by our members. These Indians are well and favourably known for their handicraft, at which they will be busy during their time in the camp, and samples of their work, now becoming rare, can be purchased direct from them.

On Wednesday, August 27th the programme will be

3.30 p.m. to 4.15 p.m. Inspection of Camp and handicraft.

4.15 p.m.—Indian Pony Race.

4.30 p.m. —Indian Pony Race

5.00 p.m. —Induction of The Rt. Hon. Lord Dawson of Penn. C. C. V. O. K. C. B., M. D., F. R. C. P., as a Chief of the tribe of "Plain Crees" with title "The Medicine Man of the Great White Father"

5.20 p.m. Indian Pony Race.

Tea will be served from 4.00 p.m. to 6.00 p.m.

The Local Committee, with the permission of the Dominion Government, have been able to bring the "Plain Crees" in from their Reserve to Winnipeg for three days, and feel satisfied our visitors will be interested in seeing them engaged in their everyday occupations. They return to their Reserve on Thursday, August 28th.

NOTES ON INDIANS IN CANADA

Under a treaty with the Canadian Government in 1874, the Indians ceded all their land rights to the North West Territories (as the western provinces were then called) except that certain allotments were set aside as Indian Reservations. In return the Government pays to each Indian a fixed sum yearly. This is known as 'treaty money,' and the Indians who receive it are styled 'Treaty Indians'. In making this treaty the Canadian Government saw to it that ample provision was made for the Indians in that a section of land viz., 640 acres was provided for each family of five, also this land was well selected for its agricultural possibilities.

Amongst the older Indians the hunt still provides a living for about 50% of their numbers. The younger generations, however, have in a large measure become agriculturists, and are successfully carrying out grain and stock farming, tilling approximately 100,000 acres of land. They have about 30,000 head of cattle and 60,000 horses, many of the latter being of the "work" type. Their agricultural operations are carried on under the direction of the Government Indian Agents.

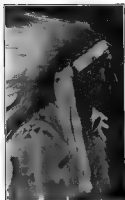
The younger generations are being educated by the state, no Indian boy or girl of school age being denied the opportunity of



CHIEF RED DOG
(Cree)



CHIEF LITTLE SIOUX
(Cree)



CHIEF BIG DARKNESS
Asin' Ginner



CHIEF PASQUA
(Cree)

attending an Indian boarding school or institute. The government also provides nurses who travel the reservations instructing and giving help to the Indians. There are several well-equipped hospitals and in these many of the Indian Indians are born, surely a sign of their acceptance of the new mode of life.

The Indians presented at the pagant are from the tribe 'Plains Cree'. Of the approximate 12,000 Indians on the Western prairie their tribe numbers about 6,000. They have always remained loyal to the Government, indeed even during the North West Rebellion, 1885, when so many of the Indians were led astray by the false promises of some of the "half-breeds." the Plains Cree took no part.

During the Great War the Indians were exempt from military service. Yet 25% of the male Indians of Canada, of military age, enlisted and proved themselves good soldiers.

There is a general impression that the Red Indians are of a vanishing race. This is not true, especially of the Indians in Western Canada, who are actually increasing in numbers.

LOWER FORT GARRY

Lower Fort Garry, situated on the west bank of the Red River 20 miles below Winnipeg is the only stone fort of the Hudson's Bay Company remaining intact, and is one of the most interesting relics in Western Canada of the early fur trading days. The two other stone forts of the Company were Fort Prince of Wales at Churchill destroyed by a French squadron under La Perouse in the war of 1778, and Upper Fort Garry, remaining now only as a gateway in a little park behind the Fort Garry Hotel in Winnipeg.

Lower Fort Garry known to the traders of earlier days as "The Stone Fort" was commenced in 1821 by orders of Sir George Simpson and may be regarded as a monument to the amalgamation of the Hudson's Bay Company and the North West Company, which took place in 1821. It was for some years the centre of great activity. Its round house saw yearly meetings of factors from far flung points on the Bay and the Pacific Coast and all the vast area between. The cargoes of furs had reached, were here for discharge of their furs, and crews of voyageurs held high revelry for a few days before relaying their loads and returning to the wilderness.

A model farm, a sawmill, flour mill and blacksmith shop were maintained on the grounds outside the Fort, which was a centre of early land settlement.

The Wolstenholme Expedition was quartered here on arrival in the Red River Settlement in 1870 and names of some of the soldiers can be seen carved on the river gateway. The first Indian treaty in the West was concluded at the Fort on 3rd August, 1871.

The Hudson's Bay Company continued to trade at this post till 1911. Two years later an arrangement was made for the use of the Fort by the Motor Country Club. Delightful grounds and

gardens shaded by the old trees add to the historical charm. Visitors will find many objects of interest within the walls.

Garden Party and Open Air Concert at Lower Fort Garry, Friday August 29th from 3.00 to 5.00 p.m. The Band of the Princess Patricia's Canadian Light Infantry under Director of Music Capt T. W. James will play from 3.00 to 4.00 p.m., followed by Ukrainian Choir (in costume) with Folk Singing, presentation of mounted Buffalo head to British Medical Association, and Folk Dancing by the Polish Gymnastic Sokol (in costume).

HORTICULTURE IN MANITOBA

The Annual Exhibition of the Manitoba Horticultural Society will be opened on Tuesday August 26th at 8.30 p.m., by (Mrs.) Katherine Bishop Harman, M.B. B.Sc. F.R.H.S. Eng. This Exhibition will be open daily from 10.00 a.m. until 10.00 p.m. on 27th, 28th and 29th August.

Horticulture is one of the youngest and fairest children in the family of Manitoba's agricultural arts. The pioneer settlers of fifty years ago concerned themselves mainly with the provision of the primary necessities of life. Whatever passions they may have had for the finer things of life had to perforce to take second place.

But man does not live by bread alone. The love of flowers and trees and beauty soon asserted itself and the number of gardens multiplied apace.

The horticulture which Manitoba knows today has been evolved in the life of a generation. The trees on our streets were planted by those who today sit in their shade. How upon row of beautiful gardens flourish where twenty years ago there was little more than a wilderness.

While our growing season is short, our growth is rapid. The colours of our flowers are vivid. Our vegetables have a quality and flavour distinctly their own.

Today Manitoba is pleased to show its honoured guests a little of the horticultural progress which our brief effort has made possible. What may yet be done does not yet appear.

HOSPITAL VISITS

The various Hospitals in Winnipeg will be glad to show visitors through their establishments each day from 2.00 p.m. to 4.00 p.m.

Intending visitors are asked to notify the Registration Office before 10.00 a.m. and arrangements will be made with the hospital management for their reception.

WINNIPEG GRAIN EXCHANGE

The Winnipeg Grain Exchange which handles the greatest volume of grain business of any exchange is of interest particularly at the opening. Hours are from 9.00 a.m. to 12.15 noon and anyone desiring to see the Bulls and Pears in the Pit will be welcome. The Badge of the Meeting will afford the necessary introduction.

TOURS OF WINNIPEG

On Wednesday, August 27th, at 1.45 p.m., a specially conducted tour of the City will leave the Winter Club. There will be no calls made, the route to be followed will embrace the business area of the City and part of the residential district, and will cover a distance of approximately 41 miles, ending at the Indian Encampment in ample time for the Indian Pageant. Guides will be on each conveyance to point out the various business establishments and points of interest en route, as listed below. The fare for the tour will be \$1.00, no extras.

Western Steel
 International Laboratories
 Allan & Grant
 Harris Abattoir
 Union Stockyards
 Western Canada Flour Mills
 North Star Oil
 Barrett & Company
 Martin Senour
 Dominion Lumber
 Alton Brock
 Swifts
 Brown & Rutherford
 Ogilvie Flour Mills
 Mid-West Glass Company
 Winnipeg Elec. Co. Gas Plant
 Hydro Station
 Vulcan Iron Works
 Hydro-Steam Heating Plant
 T. Eaton Printing Plant
 Manitoba Bridge & Iron
 P. Burns Company
 Palm Dunes
 C.P.R. Shops
 City Reservoir
 Dominion Bridge
 Canada Mailing
 Tyndall Stone Company
 British American Oil Co.
 Parkh. J. Bedding
 Canadian Rogers Sheet Metal
 Crescent Ice Cream Plant
 Purdy Bakery
 New Method Laundry
 Canada Bread Company
 Manitoba Agricultural College
 Centra. Heating Plant for River
 Heights Residences

Thence through residential district to Indian Pageant.

For anyone who may desire to visit any of the business establishments in Winnipeg, arrangements can be made on request to the Reception Committee at the Registration Office. We shall be glad to make such arrangements to suit the convenience of our guests on any afternoon, but would ask that the Reception Committee be informed before 10 a.m. each day.

DOMINION EXPERIMENTAL FARM

A very cordial invitation is extended to visit the Dominion Experimental Farm at Morden, about two hours' automobile run from Winnipeg, which in August is well worthy of a visit, and in addition this visit can be made on a circular tour by automobile, giving an opportunity to view conditions on the prairies during what will probably be the harvest period.

HUDSON'S BAY COMPANY HISTORICAL EXHIBIT

The Historical Exhibit of the Hudson's Bay Company, at Winnipeg, is situated on the fifth floor of the Company's saleshop on Portage Avenue, at Memorial Boulevard. The Exhibit is open, free of charge, to the general public during business hours. Its object is to depict by means of relics, pictures, documents, models, etc., the history of the Hudson's Bay Company, life in the fur trade, the story of the pioneer settlers and the customs, dress and industries of the aboriginal tribes.

This guide, with the corresponding numbers and direction marks on the cases, will enable the visitor to view the exhibit to the best advantage.

■ As the articles in the Exhibit are liberally supplied with descriptive labels, no attempt is made herein to do more than draw attention to the various divisions and to indicate the order in which these may be seen.

The Exhibit is arranged in the following principal divisions: Early History, Furs, Indian Handicraft, Life in the Service, Forts, Posts, Stores, Fights and Wars, Land and Settlement.

A framed notice directs attention to the object and divisions stated above.

Visitors are kindly requested to sign the register on the custodian's desk. The custodian will be pleased to answer enquiries.

General Programme and Time Table of Meetings, Social Functions and Entertainments

ITINERARY OF BRITISH VISITORS

Friday, August 16th

Tours B, B1
C, C1
T B. Party

Arrive Quebec by steamer, a.m. Breakfast aboard. Transfer to Chateau Frontenac. Lunch Chateau Frontenac. Dinner Chateau Frontenac. Transfer Chateau Frontenac to steamer. Sleep on board.

Saturday, August 16th

Daylight journey to Montreal by steamer

Arrive Montreal, Que., 3.00 p.m. Transfer to Windsor Hotel. Room Windsor Hotel.

Sunday, August 17th

Montreal, Que. Breakfast at Windsor Hotel. Room Windsor Hotel.

T B. Party —Leave Montreal, Hudson Heights, 3.40 p.m. C P R.
Arrive Ottawa, Ont., 9.00 p.m., C P R. Transfer to Chateau Laurier.

Monday, August 18th

Tours B, B1
C, C. —Montreal, Que. Room Windsor Hotel.

T B. Party —Leave Ottawa, Ont. 1.50 p.m. C.P.R.

Friday, August 14th

Saturday, August 15th

Sunday, August 17th

Monday, August 18th

Tuesday, August 18th

Tours B, B1

C, C1 — Montreal Transfer baggage to station. Passengers walk to station.

Leave Montreal, C.P.R. Spl., 3.30 p.m. Dinner at diner. Sleep on train.

T.B. Party Arrive Toronto, Ont. Union Station, 7.05 a.m. Walk to Royal York Hotel.

Wednesday, August 19th

Tours B, B1

C, C1 — Arrive Niagara Falls, Ont., C.P.R. Spl., 2.30 a.m. Transfer to General Brock Hotel. Baggage remains on train and is transferred to Royal York Hotel, Toronto. Breakfast and lunch General Brock Hotel.

Leave Niagara Falls, Int. Ry., 4.05 p.m.

Arrive Queenston, Ont., Int. Ry., 4.45 p.m.

Leave Queenston (steamer), 4.50 p.m. Dinner on steamer.

Arrive Toronto, Ont., 8.30 p.m. Transfer to Royal York Hotel. Room Royal York Hotel.

T.B. Party —Leave Union Station, Toronto, Ont., 9.25 p.m.

Thursday, August 21st

Tours B, B1

C, C1 Toronto, Ont. Room Royal York Hotel.

T.B. Party —Arrive Bala, Ont. 8.15 a.m.

Leave Bala, per S.S. "Cherokee," 8.30 a.m.

Arrive Muskoka Wharf, Ont., 10.00 a.m.

Leave Muskoka Wharf, 9.00 p.m.

Arrive Bala, per S.S. "Cherokee," 10.15 p.m.

Entrain on C.P.R., 10.30 p.m.

Tuesday, August 19th

Wednesday, August 20th

Thursday, August 21st

Friday, August 32nd

Tours B, B1

C, C1 —Toronto

Tours B, B1 —Room Royal York Hotel

Tours C, C1 —Transfer baggage to station

Leave Toronto, Ont., C.N.R. Spl., midnight. Sleep on train.

Tours A, A1 —Arrive Montreal, Que. Steamer, p.m. Transfer to Windsor Hotel. Room Windsor Hotel

T.B. Party —Aboard C.P.R. train

Saturday, August 33rd

Tours A, A1 —Montreal, Que. Transfer baggage after dinner to station

Leave Montreal, C.P.R. No. 1 10.15 p.m. Sleep on train.

Tours B, B1 —Toronto, Ont. Breakfast, Royal York Hotel. Transfer baggage to station.

Leave Toronto, C.P.G.L. Spl., 12.40 p.m. Lunch in diner

Arrive Port McNichol, Ont., C.P.G.L. Spl., 4.10 p.m. Transfer to C.P. Great Lakes steamer

Leave Port McNichol, 4.30 p.m. Sleep on steamer

Tours C, C1 —Aboard train, C.N.R. Spl. Breakfast, lunch and dinner on train.

Arrive Timmins, Ont., C.N.R. Spl. 7.00 p.m. Sleep on train

T.B. Party —Arrive Winnipeg, Man., 7.45 a.m., C.P.R.

Leave Winnipeg, 8.30 a.m., C.P.R.

Arrive Ninette Sanatorium, 2.00 p.m.

Friday, August 22nd

Saturday, August 23rd

Sunday, August 24th

- Tours A, A1** Aboard train, C.P.R. No. 1 Breakfast, lunch and dinner on train. Sleep on train.
- Tours B, B1** Aboard C.P. Great Lakes steamer Sleep on steamer
- Tours C, C1** Timmins, Ont. Breakfast in diner, C.N.R. Spl. Visit mines.
 Leave Timmins, C.N.R. Spl., 11:45 a.m. Lunch and dinner in diner Sleep on train.
- T.B. Party** — At Ninette, Man.

Monday, August 25th

- Tours A, A1** —Arrive Fort William, Ont., C.P.R. No. 1 7:00 a.m. (E.T.).
 Transfer to C.P.R. Special, joining Tours B and B1.
 Leave Fort William, C.P.R. Spl., 7:30 a.m. (C.T.) Breakfast and lunch in diner
- Tours B, B1** —Arrive Fort William, Ont., C.P. Great Lakes steamer, 7:00 a.m. Join Tours A and A1
 Leave Fort William, C.P.R. Spl. 7:30 a.m. Lunch on diner
- Tours A, A1**
 B, B1 —Arrive Kenora, Ont., C.P.R. Spl., 3:00 p.m. Visit Hon. Robt Rogers. Afternoon tea Motor launch cruise, Lake of the Woods.
 Leave Kenora, C.P.R. Spl., 6:30 p.m. Dinner on diner
 Check all baggage through to billet in Winnipeg with special baggage-man aboard train. All baggage will be delivered tonight at your billet.
 Arrive Winnipeg, Man., C.P.R. Spl., 10:00 p.m.
- Tours C, C1** —Arrive Minaki, Ont., C.N.R. Spl., 8:30 a.m. Breakfast in diner Transfer to Minaki Lodge Lunch at Minaki Lodge.
 Golf, motor launch cruise and visit, Lake of the Woods. Transfer to train.
 Leave Minaki C.N.R. Spl., 5:00 p.m. Dinner in diner.
 Check all baggage through to billet in Winnipeg with special baggage-man aboard train. All baggage will be delivered tonight at your billet.
 Arrive Winnipeg, Man., C.N.R. Spl., 8:30 p.m.
- T.B. Party** Leave Ninette to continue on C.P.R. at 4:45 p.m.
 Arrive Winnipeg, C.P.R., 8:40 p.m.
 Reception and Transportation Committee will meet all trains and provide transfer to Winnipeg billets.

Sunday, August 24th

Monday, August 25th

PROGRAMME

Tuesday, August 26th

- 8.30 a.m. Clinic by Hugh Currie, F.R.C.S. "Surgical Cases," at Winter Club.
- 9.00-9.00. Registration at Winter Club.
- 10.00 a.m. Opening Commercial Exhibition by President-Elect W Harvey Smith, M.A., M.D., C.M., at Winter Club.
- 10.15 a.m. Opening Scientific Exhibition by President-Elect W Harvey Smith, M.A., M.D., C.M., at Winter Club.
- *10.30 a.m. Adjourned General Meeting, Canadian Medical Association, Winter Club.
 Greetings to British Medical Association- Prof W Harvey Smith, M.A., M.D., C.M., President, Canadian Medical Association.
 Official Welcome: The Hon. John Bracken, B.S.A., Prime Minister of Manitoba.
 Official Welcome and Presentation of Flag of Winnipeg: Lt.-Col Ralph H Webb, D.S.O., M.C., Mayor of Winnipeg.
 Adjourned General Meeting, British Medical Association.
 Induction of President, 1930-31.
 Introduction of new Vice-Presidents.
 Introduction of new Honorary Members.
 Introduction of Delegates and Representatives.
 Presentation of Prizes.
 Presidential Address.
- * 2.45 p.m. Raising, Winter Club.
- * 3.15 p.m. Procession to Cenotaph.
- * 3.45 p.m. Official Religious Service, Legislative Building.
- 4.00-5.00. Afternoon Tea, Winter Club.
- * 5.00 p.m. The Most Rev A. A. Smeeth, D.D., Archbishop of Winnipeg, will receive at 348 St. Mary's Ave.
- 5.30 p.m. Lacrosse Match (Semi-Final, Mann Cup), Sherburne Park. Tickets 75c.
- 8.30 p.m. Opening Ceremony, Manitoba Horticultural Exhibition, by (Mrs.) Katherine Bishop Herman, M.B., B.S., F.R.H.S., London, at Winnipeg Park. Tickets 30c.
- * 9.30 p.m. Presidential Reception (Music, Dancing, Refreshments), Legislative Building.

Academic or Official Dress with decorations and medals should be worn at events marked ().

Tuesday, August, 26th

Wednesday, August 27th

- 8.00-3.00. Golf Competition for the Ontario Cup and other prizes, Nisakwa Country Club (see Golf Programme) Entrance Fee \$1.00.
- 8.30 a.m. Clinic by John Parkinson, M.D., B.S., F.R.C.P., "Coronary Thrombosis," Winter Club.
- 9.00-6.00 Registration, Winter Club.
- 10.00-1.00. Sectional Meetings.
- 12.00 noon Manitoba Horticulture, Exhibitions, Winnipeg Rink, open all day Tickets 25c.
- 1.00 p.m. Irish Graduates' Luncheon, Marlborough Hotel Tickets \$1.00.
- 1.00 p.m. Luncheon and Illustrated Lecture on "Psychic Research," by T. G. Hamilton, M.D., Fort Garry Hotel (limited to 400) Tickets \$1.50.
- 1.00 p.m. Luncheon, followed by discussion on "Aristo Medicine" (enquiries invited at Registration office)
- 2.00 p.m. Clinical Addresses, Winter Club:
- (1) Sir Lenthal Cheate, K.C.B., C.V.O., F.R.C.S., London
"The Primary Tumour in Carcinoma of the Breast"
 - (2) Prof. W. E. Dixon, M.A., M.D., B.Ch., F.R.S., D.P.H., Cambridge: "Drug Addiction"
- Chairman, A. Primrose, C.B., M.B., C.M. (Edin.), F.R.C.R. (Eng.), LL.D. (Edin.), Toronto.
- 2.00-4.00. Conducted Motor Tour of City, terminating at Indian Pagoda; Fare \$1.00.
- 3.30-6.00. Indian Pageant and Tea, Tuxedo. Cars leave 2.30 p.m.
Induction of The Rt. Hon. Lord Dawson of Penn., G.C.V.O., K.C.B., M.D., F.R.C.P., as Chief of Plains Cree Tribe.
- 6.00 p.m. Military Reception and Reunion of those who served Overseas (see bulletin board for "assembly point")
- 8.15 p.m. Ice Carnival and Hockey Match, Amphitheatre Rink Tickets \$1.00.
- 8.30 p.m. Public Meeting, Winter Club. Speakers:
- (1) Robt. Hutchison M.D., C.M., F.R.C.P., London "The Pursuit of Health"
 - (2) Sir James Purves-Stewart, K.C.M.G., C.B., M.D., C.M., F.R.C.P., London
- Chairman, The Hon. E. W. Montgomery, M.A., M.D., C.M., LL.D., Minister of Health and Public Welfare, Manitoba
- 10.00 p.m. Dance at Winter Club to be given by the Members of the Board of Directors of The Children's Hospital of Winnipeg. The Swimming Pool will be open from 10.00 p.m. until midnight.
- 10.00 p.m. Alumni Suppers.

Wednesday, August 27th

Thursday, August 25th

- 3.00-3.00 Golf Competition for the Uster and Childs Cups and other prizes (see Golf Programme) St. Charles Country Club Entrance Fee \$1.00.
- 8.30 a.m. Class by Geo. Riddoch, M.D., Ch.B., F.R.C.P. on "Some Cases of Organic Nervous Diseases," at Winter Club.
- 8.30 a.m. National Temperance League Breakfast Picaudy's, Broadway and Colony
- 9.00-9.00 Registration, Winter Club.
- 10.00-1.00. Sectional Meetings.
- 10.30 a.m. Morning Tea at Manitoba Horticultural Exhibition, Winnipeg Park, on invitation of Ladies' Committee (limited to 150) Cars leave 10.30 a.m.
- 12.00 noon Manitoba Horticultural Exhibition, Winnipeg Park open all day Tickets 25c.
- 2.00 p.m. Clinical Addresses, Winter Club
- (1) Sir Wm. I. de C. Wheeler, M.D., M.B., B.Ch., B.A.O., F.R.C.S.I., Dublin "The Significance of Surgical Recid in Visceral Decompression"
 - (2) Hector Cameron, M.D., M.A., B.Ch., M.B., F.R.C.P. London. "Some Functional Nervous Disorders in Childhood"
- Chairman F. N. G. Starr, C.B.E., M.B., F.A.C.S. Toronto.
- 2.00 p.m. Visits to Business Establishments, etc. arranged on request before 10.00 a.m. to Registration Office.
- * 3.30 p.m. Conferment of Honorary Degrees, Winter Club.
- 4.00-4.00. Garden Party on kind invitation of Lady Nanton, Kilmoree, and Lt.-Col. H. F. Odey, 221 Roslyn Road
- 7.15 p.m. Annual Dinner of the Association (limited to 1500), Hudson's Bay Store, Portage Avenue Tickets \$5.00.
- 8.30 p.m. Public Meeting, Winter Club. Speakers:
- (1) Morris Fishbein, M.D., Editor, *Journal of the American Medical Association*: "Food Fads and Fallacies"
 - (2) Sir James W. Barrett, K.B.E., C.B., C.M.G., M.D., B.Ch., F.R.C.S., Melbourne, Australia. "Bush Nursing System"
- Chairman A. T. Basin, D.S.O., M.D., C.M., Montreal
- 10.00 p.m. Dance at Winter Club to be given by the Members of the Board of Trustees of the Winnipeg General Hospital. The Swimming Pool will be open from 10.00 p.m. until midnight.

Academic or Official Dress with decorations and medals should be worn at events marked ()

Thursday, August 28th

Friday, August 28th

- 8.30 a.m. Class by Donald Paterson, M.D., F.R.C.P., on "Coeliac Disease and Pyloric Stenosis," at Winter Club.
- 8.30 a.m. Medical Missionary Breakfast, Floody's, Broadway and Colony.
- 9.00-9.30. Registration, Winter Club.
- 10.00-1.00. Sectional Meetings.
- 10.30 a.m. Morning Tea at Manitoba Horticultural Exhibition, Winnipeg Rink, on invitation of Ladies' Committee (limited to 150) Cars leave 10.20 a.m.
- 12.00 noon. Manitoba Horticultural Exhibition, Winnipeg Rink (open all day) Tickets 25c.
- 12.30 p.m. Luncheon and Annual Meeting, Section of Radiology, Canadian Medical Association, Fort Garry Hotel. Chairman, W. H. Dickson, M.D., C.M., Toronto. Tickets \$1.50.
- 12.30 p.m. Luncheon, Border Medical Society, Fort Garry Hotel. Speaker Alfred Cox, O.B.E., Hon M.A., M.B., London, Medical Secretary, British Medical Association. Tickets \$1.50.
- 2.00 p.m. Clinical Address, Winter Club:
 Sir E. Parquhar Buzzard, K.C.V.O., M.A., M.D., B.Ch., F.R.C.P., Oxford "Rest, Work and Play in Health and Disease"
 Chairman C. F. Martin, B.A., M.D., Montreal.
- 3.00 p.m. Garden Party, Lower Fort Garry. Presentation of Buffalo Head to British Medical Association, Folk Dancing and Singing. Leave Winter Club 2.30 p.m., Return Fort 50c.
- 7.00 p.m. Tours A1, B1 and Tuberculous Party leave C.P.R. Station via Soo Lane.
- * 9.00 p.m. Listerian Orator, Winter Club.
 The Rt. Hon. Lord Moyneham of Leeds, K.C.M.G., C.B., M.D., M.A., F.R.C.S., LL.D.
 Chairman John Stewart, M.B., C.M., LL.D., Halifax.
- 11.00 p.m. Tour A leaves C.P.R. Station on Great Lakes Special.
- 12.00 midnt. Tours C and C1 leave Union Station on C.N.R. Special.

Academic or Official Dress with decorations and medals should be worn at events marked ().

Friday, August 28th

Saturday, August 30th

- Tour A** —Aboard train, C.P.G.L. Spl. Breakfast on diner.
 Arrive Fort William, Ont., C.P.G.L. Spl., 10.00 a.m. Transfer
 to C.P. Great Lakes steamer
 Leave Fort William, C.P. Great Lakes steamer 12.30 p.m.
 Lunch and dinner and sleep on steamer.
- Tours A1, B1** Arrive Minneapolis, U.S.A., Soo Line, 8.30 a.m. Breakfast
 Union Depot.
 Leave Minneapolis, C.G.W., 9.15 a.m. Parlor car seat.
 Arrive Rochester, C.G.W., 12.05 noon. Transfer to Hotel
 Arthur. Lunch, dinner and room Hotel Arthur.
- Tour B** —Leave Winnipeg, Man., C.N.R., 10.00 a.m.
 Arrive Minnaki, Ont., 1.20 p.m. Transfer to Minnaki Lodge
 Lunch, dinner, room, Minnaki Lodge.
- Tours C, C1** —Aboard train, C.N.R. Spl. Breakfast, lunch, in diner.
 Arrive Saskatoon, Sask., C.N.R. Spl., 1.30 p.m. Drive
 around city. Dinner in diner.
 Leave Saskatoon, C.N.R. Spl., 10.00 p.m. Sleep on train.
- T.B. Party** —Arrive Chicago, U.S.A., 9.00 p.m.

Sunday, August 31st

- Tour A** —Aboard C.P. Great Lakes steamer.
- Tours A1, B1** —Leave Rochester, U.S.A., C.G.W., 9.30 p.m. Lower berth to
 Chicago, U.S.A.
- Tour B** —At Minnaki Lodge.
- Tours C, C1** —Arrive Edmonton, Alta., C.N.R. Spl., 3.00 a.m. Breakfast in
 diner. Transfer to Macdonald Hotel. Drive around city.
 Lunch and dinner Macdonald Hotel. Transfer to station.
 Leave Edmonton, C.N.R. Spl., 11.30 p.m.
- T.B. Party** Leave Chicago, U.S.A., 3.00 p.m.
 Arrive Detroit, U.S.A., 10.35 p.m.

Saturday, August 20th

Sunday, August 21st

Monday, September 1st

- Tour A** ---Breakfast on steamer
 Arrive Port McNicholl, Ont., G.L. steamer, 8.00 p.m.
 Leave Port McNicholl, C.P.G.L. Spl., 8.20 a.m.
 Arrive Toronto, Ont., C.P.G.L. Spl., 11.15 a.m. Transfer
 baggage to Royal York Hotel. Lunch, dinner, room, Royal
 York Hotel.
- Tours A1, B1** Arrive Chicago, C.G.W., 8.15 a.m. Breakfast La Salle Hotel.
 Leave Chicago, 11.40 a.m. Lunch, dinner and sleep on train.
- Tour B** ---Minaki Breakfast and lunch at Minaki Lodge. Transfer
 to station.
 Leave Minaki, C.N.R., 1.30 p.m. Dinner as diner. Sleep on
 train.
- Tours C, C1** Arrive Jasper, Alta. C.N.R. Spl., 8.40 a.m. Breakfast in
 diner. Transfer to Lodge. Lunch and dinner at Lodge.
 Transfer to station. Sleep on train.
- T.B. Party** Leave Detroit, U.S.A. C.N.R., 11.55 a.m.
 Arrive London, Ont., 4.00 p.m.
 Leave London, Ont., 7.28 p.m.
 Arrive Hamilton, Ont., 9.25 p.m.

Tuesday, September 2nd

- Tour A** Royal York Hotel. Check heavy baggage right through to
 steamer at Montreal. Breakfast at Royal York Hotel.
 Leave Toronto, C.N.R. No. 101, 8.10 a.m.
 Arrive Niagara Falls, Ont. 10.28 a.m. Transfer to General
 Brock Hotel. Lunch and dinner General Brock Hotel.
 Leave Niagara Falls, C.N.R. No. 107, 7.37 p.m.
 Arrive Toronto, C.N.R. No. 107, 9.45 p.m. Transfer to Ottawa
 train.
 Leave Toronto, C.N.R. No. 45, 11.20 p.m. Sleep on train.
- Tours A1, B1** ---Arrive Philadelphia, U.S.A., 6.45 a.m. Transfer to Bellevue
 Stratford. Breakfast and lunch Bellevue Stratford. Fore-
 noon drive. Transfer to station.
 Leave Philadelphia, 5.00 p.m.
 Arrive New York, 7.00 p.m. Transfer to Hotel Victoria.
 Dinner and room Hotel Victoria.
- Tour B** ---Aboard train. Breakfast, lunch, dinner as diner, C.N.R.
 Sleep on train.
- Tours C, C1** ---Leave Jasper, Alta., C.N.R. Spl., 6.00 a.m. Breakfast,
 lunch, dinner, as diner. Sleep on train.
- T.B. Party** ---Leave Hamilton, Ont., by bus, after lunch, to Niagara Falls,
 thence by Suburban Car to Buffalo, U.S.A.

Monday, September 1st

Tuesday, September 2nd

Wednesday, September 3rd

- Tour A** —Arrive Ottawa, Ont., C.N.R. No 48, 7.45 a.m.
- Tour B** —Arrive Ottawa, Ont., C.N.R., 5.05 a.m.
- Tours A, B** —Transfer to Chateau Laurier Breakfast and lunch Chateau Laurier Drive around city Transfer to station
Leave Ottawa, C.N.R., 3.00 p.m.
Arrive Montreal, Que. C.N.R., 6.00 p.m. Dinner Windsor Hotel Transfer to steamer Sleep on steamer
- Tours A1, B1** —New York Breakfast, lunch and dinner Hotel Victoria.
Afternoon drive.
Leave New York, 2.45 p.m.
- Tours C, C1** —Arrive Vancouver, B.C. C.N.R. Spl., 2.00 a.m. Breakfast in diner Transfer to C.P.R. steamer
Leave Vancouver, C.P.R. steamer, 10.30 a.m. Lunch on steamer
Arrive Victoria, B.C., C.P.R. steamer 2.30 p.m. Baggage transferred to Empress Hotel Passengers walk to Empress Hotel Dinner and room at Empress Hotel.
- T.B. Party** —Leave Buffalo, U.S.A., 1.05 p.m.
Arrive New York, 10.15 p.m.

Thursday, September 4th

- Tours A1, B1** —Arrive Montreal, Que., 7.50 a.m. Breakfast Windsor St. station. Transfer to wharf.
- Tours A, A1** —
B, B1 —Sail for home, 10.00 a.m., C.P.O.S. "Duchess of Atholl".
- Tours C, C1** —Victoria, B.C. Room Empress Hotel
- T.B. Party** —Leave New York, 9.45 p.m.

Friday, September 5th

- T.B. Party** —Arrive Montreal, Que., 7.50 a.m. After breakfast embark on C.P.O.S. "Montcalm" for home.
- Tours C, C1** —Victoria. Breakfast Empress Hotel Transfer baggage to steamer
Leave Victoria, C.P.R. steamer, 1.45 p.m.
Arrive Vancouver, C.P.R. steamer, 5.45 p.m. Transfer to Vancouver Hotel. Dinner and room Vancouver Hotel.
- Tour D** —Leave Montreal, Que., 7.00 p.m. Dinner in diner.

Wednesday, September 3rd

Thursday, September 4th

Friday, September 5th

Saturday, September 6th

Tours C, C1 —Vancouver Room Vancouver Hotel.

Tour D —Arrive Fredericton, N.B., 11.50 a.m. Breakfast, lunch and dinner in diner.

Leave Fredericton, 6.10 p.m.

Arrive St. John, N.B., 8.35 p.m. Transfer to Hotel Admiral Beatty.

Sunday, September 7th

Tours C, C1 —Vancouver Breakfast Vancouver Hotel. Transfer to station.

Leave Vancouver C.P.R. Spl., 10.00 a.m. Lunch and dinner in diner. Sleep on train.

Tour D —St. John. Room Admiral Beatty Hotel.

Monday, September 8th

Tours C, C1 —Arrive Revelstoke, B.C. C.P.R. Spl., 1.30 a.m.

Leave Revelstoke, C.P.R. Spl., 4.00 a.m. Breakfast in diner.

Arrive Field, B.C., C.P.R. Spl. 10.00 a.m. (P.T.). Change from train to motor buses. Baggage carried on train to Lake Louise and transferred to Chateau Lake Louise.

Leave Field, 11.45 a.m. (M.T.).

Arrive Emerald Lake, B.C., bus, 12.00 noon. Lunch at Chalet.

Leave Emerald Lake, bus, 5.00 p.m. Dinner and room, Chateau Lake Louise, Alta.

Tour D —St. John, N.B. Transfer to wharf.

Leave St. John, steamer 7.15 a.m. Breakfast on steamer.

Arrive Digby, N.S., steamer 10.30 a.m.

Leave Digby steamer 10.45 a.m.

Arrive Annapolis Royal, N.S., steamer, 11.30 a.m. Automobile trip to Fort Anne Park.

Leave Annapolis Royal, 12.17 p.m. Lunch in diner.

Stop at Grand Pre, N.S., to view Memorial Park.

Arrive Halifax, N.S., 5.05 p.m. Transfer to Lord Nelson Hotel. Room Lord Nelson Hotel.

Saturday, September 6th

Sunday, September 7th

Monday, September 8th

Tuesday, September 9th

- Tours C, C1** —Lake Louise, Alta. Breakfast and lunch Chateau Lake Louise.
Heavy baggage ready after breakfast for transfer to train
for Banff. Hand baggage only on motor.
Leave Lake Louise, motor, 8.00 p.m.
Arrive Banff, Alta., motor, 5.30 p.m. Dinner and room Banff
Springs Hotel.
- Tour D** —Halifax. Room Lord Nelson Hotel.

Wednesday, September 10th

- Tours C, C1** Banff. Breakfast, lunch, dinner and room Banff Springs
Hotel. Drive around Banff.
- Tour D** —Halifax, N.S. Breakfast Lord Nelson Hotel. Transfer to
station.
Leave Halifax, 8.00 a.m. Lunch and dinner in diner.
Arrive Sydney, N.S., 7.50 p.m. Transfer to room, Isle Royal
Hotel.

Thursday, September 11th

- Tours C, C1** —Banff. Breakfast and lunch, Banff Springs Hotel. Transfer
to station.
Leave Banff, C.P.R. Spl. 2.00 p.m.
Arrive Calgary, Alta., C.P.R. Spl. 5.00 p.m. Dinner and sleep
Leave Calgary, C.P.R. Spl., 10.30 p.m. Sleep on train.
- Tour D** Sydney, N.S. Isle Royal Hotel. Transfer to station.
Leave Sydney, 7.20 p.m. Sleep on train to Pictou.

Friday, September 12th

- Tours C, C1** —Aboard C.P.R. Spl. train. Breakfast in diner.
Arrive Regina, Sask., C.P.R. Spl., 10.30 a.m.
Leave Regina, C.P.R. Spl. 12.30 p.m. Lunch and dinner in
diner. Sleep on train.
- Tour C1** Arrive Winnipeg, Man., C.P.R. Spl., 1.40 p.m. Transfer to
Royal Alexandra Hotel. Room Royal Alexandra Hotel.
- Tour D** —Arrive New Glasgow, N.S., 3.40 a.m.
Leave New Glasgow, 7.20 a.m.
Arrive Pictou, N.S., 8.15 a.m. Breakfast at Pictou Lodge.
Leave Pictou, 9.00 a.m.
Arrive Charlottetown, P.E.I., 1.00 p.m.
Leave Charlottetown, 1.15 p.m.
Arrive Beach Grove Inn. Lunch, dinner, room, Beach Grove
Inn.

Tuesday, September 9th

Wednesday, September 10th

Thursday, September 11th

Friday, September 12th

Saturday, September 13th

- Tour C** —Aboard train, C.P.R. Spl. Breakfast in diner
 Arrive Port William, Ont., C.P.R. Spl., 11.00 a.m. (C.T.)
 Transfer to Great Lakes steamer
 Leave Port William, C.P. steamer, 12.30 p.m. (E.T.) Lunch,
 dinner and sleep aboard.
- Tour C1** —Winnipeg, Man. Breakfast, lunch, dinner, Royal Alexandra
 Hotel
 Leave Winnipeg, Soo Line, 8.30 p.m.
- Tour D** —Breakfast, lunch, Beach Grove Inn. Transfer to Charlotte-
 towns, P.E.I.
 Leave Charlottetown, No. 41, 2.00 p.m. Dinner in diner
 Arrive Moncton, N.B., 10.15 p.m. Room.

Sunday, September 14th

- Tour C** —Aboard C.P. steamer on Great Lakes.
- Tour C1** —Arrive Minneapolis, U.S.A. Soo Line, 7.25 a.m. Breakfast in
 Union Depot
 Leave Minneapolis, C.G.W., 9.15 a.m. Pullman car sent.
 Arrive, Rochester, U.S.A., C.G.W., 12.05 noon. Transfer to
 Hotel Arthur. Lunch, dinner and room, Hotel Arthur.
- Tour D** —Moncton. Breakfast, lunch, dinner and room.

Monday, September 15th

- Tour C** —Aboard C.P. Great Lakes steamer. Breakfast aboard.
 Arrive Port McNicholl, Ont., C.P. steamer, 8.30 a.m.
 Leave Port McNicholl, C.P.R. G.L. Spl., 8.40 a.m.
 Arrive Toronto, Ont. C.P.R., 11.45 a.m. Transfer baggage
 to Royal York Hotel. Room, Royal York Hotel.
- Tour C1** —Rochester, U.S.A. Breakfast, lunch and dinner, Hotel
 Arthur. Transfer to station.
 Leave Rochester, C.G.W., 9.30 p.m. Lower berth to Chicago,
 U.S.A.
- Tour D** —Moncton. Breakfast and lunch.
 Leave Moncton, No. 3, 2.35 p.m. Lunch in diner. Sleeper
 to Quebec.

Tuesday, September 16th

- Tour C** —Toronto. Breakfast, lunch, dinner, room, Royal York Hotel.
- Tour C1** —Arrive Chicago, U.S.A. C.G.W., 8.15 a.m. Transfer to, and
 breakfast, La Salle Hotel. Transfer to station.
 Leave Chicago, 11.40 a.m. Lunch and dinner on diner. Sleep
 on train.
- Tour D** —Arrive Lévis, Que., No. 2, 4.00 a.m.
 Arrive Quebec, Que., 7.00 a.m. Transfer to Chateau Fronte-
 neric. Breakfast and lunch, Chateau Frontenac. Transfer
 to C.P.O.S. Empress of France.
 Sail for home on Empress of France.

Saturday, September 13th

Sunday, September 14th

Monday, September 15th

Tuesday, September 16th

Wednesday, September 17th

Tour C Toronto. Breakfast, Royal York Hotel. Transfer baggage to station.

Leave Toronto, C.P.R. Spl. 9:35 a.m. Lunch en route.

Arrive Ottawa, Ont. C.P.R. Spl. 4:25 p.m. Transfer baggage to Chateau Laurier. Dinner and room, Chateau Laurier.

Tour C1 Arrive Philadelphia U.S.A., 6:34 a.m. Transfer to Bellevue Stratford Hotel. Breakfast and lunch. Forenoon drive. Transfer to station.

Leave Philadelphia, 5:00 p.m.

Arrive New York, U.S.A. 7:00 p.m. Transfer to Victoria Hotel. Dinner and room, Victoria Hotel.

Thursday, September 18th

Tour C Ottawa. Breakfast, lunch, Chateau Laurier. Transfer to station.

Leave Ottawa, C.P.R. Spl., 3:00 p.m.

Arrive Montreal, Que., C.P.R. Spl. 6:15 p.m. All baggage transferred to C.P.O.S. Dinner, Windsor Hotel. Transfer during evening to C.P.O.S. Sleep aboard.

Tour C1 —New York. Breakfast, lunch and dinner, Victoria Hotel. Forenoon drive. Transfer to station.

Leave New York, 9:45 p.m.

Friday, September 19th

Tour C1 —Arrive Montreal, Que., 7:55 a.m. Breakfast, Windsor St. Station. Transfer to wharf.

Tours C, C1 —Sell for home on C.P.O.S., Duchess of Richmond, 10:00 a.m.

Wednesday, September 17th

Thursday, September 18th

Friday, September 19th

General Information for Ladies

LADIES' SOCIAL CLUB

The Ladies' Social Club will be housed in the Winnipeg Winter Club, Smith St., Telephone 22 305.

Ladies are requested to register their names on their first visit to the Club.

The Club contains a lounge, reading, writing and rest rooms, also dining-room where luncheon (60 cents) and dinner (\$1.00) may be obtained, tickets for these are on sale at the Registration Office each morning until 10.00 a.m.

Daily papers and British, American and Canadian magazines will be provided.

Morning coffee, tea and ices and afternoon tea will be served in the Club.

Letters, telegrams, parcels and messages may be directed to the Club.

Dressing-rooms have been arranged in the Club for those living at a distance. A hairdresser and manicurist from The Hudson's Bay Co. will be in attendance.

All general information regarding the ladies' programme is obtainable at the Club, as well as information about excursions, conducted tours, golf, tennis, etc., Bridge games will be arranged for those wishing to play.

LADIES' GOLF COMPETITION FOR THE NOTTS. LADIES' CHALLENGE CUP

The Ladies' Golf Competition for the Notts. Ladies' Challenge Cup and other prizes will take place on Friday August 29th, at 9.30 a.m., at the St. Charles Country Club. Competitors should give their full names, addresses, and L.G.U. handicaps and also their qualifications to compete to Mrs. William Boyd, 77 Queenston Street, Winnipeg, or at the Ladies' Social Club, as early as possible on arrival.

Conditions of play are as follows:

1. The Competition to be played under the Ladies' Golf Union Handicap Rules (Medal Round, 18 holes).
2. The winner to hold the Cup for twelve months.
3. In the event of a tie, the last nine holes to decide.
4. Entrance fee, 50 cents, to be paid to the Secretary of the Local Ladies' Golf Committee.

5. A memento provided by the Local Executive to be given to the winner

6. The Competition will be open to the following: Lady members of the B.M.A., wives of members, and daughters of members, other relatives accompanying members to the meeting may be allowed to compete at the discretion of the Local Ladies' Committee.

Following the Competition for the Notts. Ladies' Challenge Cup a Hidden Hole Competition will be held, for which all doctors' wives are eligible.

A buffet lunch will be served at the St. Charles Country Club, after which the prizes will be presented.

Cars leave the Ladies' Social Club at 8.45 a.m.

INFORMATION FOR JUNIORS

Sons and daughters, over 16, of medical men who have registered are eligible to receive Juniors' Programme folder

The Juniors' Programme folder will admit the bearer to the following functions: President's Address, Presidential Reception, Official Religious Service, Indian Pageant, Garden Party at Lower Fort Garry, Dances and Swimming Pool at Winter Club.

Programme and Time Table for Ladies

- NOTE 1** All ladies' excursions start from outside the Ladies' Social Club, situated in the Winter Club, Smith Street, Winnipeg.
- NOTE 2** Buffet Lunch (50 cents) and Course Dinner (\$1.00) will be served daily in the Social Club Dining Room upstairs in the Winter Club. Tickets for these meals must be procured at the Registration Office prior to 10.00 a.m. of the day they are to be used.
- NOTE 3** All information in regard to golf and tennis may be obtained from the golf and tennis committees, Ladies' Social Club.
- NOTE 4** The swimming pool in the Winter Club will be open from 9 a.m. to 6 p.m.

* Denotes those events which are for men as well.



Tuesday, August 28th

- 8.00 a.m. Ladies' Social Club opens.
- 9.00 a.m. Registration.
- 10.00 a.m. Motor Drive.
- 10.30-11.30 Morning Tea, Social Club.
- *10.00 a.m. Opening Commercial Exhibition by President-Elect W. Harvey Smith, M.A., M.D., C.M.
- *10.15 a.m. Opening Scientific Exhibition by President-Elect W. Harvey Smith, M.A., M.D., C.M.
- *10.30 a.m. Adjourned General Meeting Canadian Medical Association, Winter Club.
Greetings to British Medical Association—Professor W. Harvey Smith, M.A., M.D., C.M., President, Canadian Medical Association.
- Adjourned General Meeting, B.M.A., Winter Club.
- Official Welcome—The Hon. John Brocken, B.S.A., Prime Minister of Manitoba.
- Official Welcome and Presentation of Flag of Winnipeg—Lt.-Col. Ralph H. Webb, D.S.O., M.C., Mayor of Winnipeg.
- Induction of President, 1930-31.
- Introduction of new Vice-Presidents.
- Introduction of new Honorary Members.
- Introduction of Delegates and Representatives.
- Presentation of Prizes.
- Presidential Address.
- 1.00 p.m. Ladies' Luncheon, The Fort Garry Hotel, Limited to 275. Tickets (\$1.50) must be procured at the Registration Office prior to 11.00 a.m.

PROGRAMME AND TIME TABLE FOR LADIES (Continued)

- * 3.15 p.m. Cenotaph Ceremony
- * 3.45 p.m. Open-Air Religious Service, Legislative Buildings.
- * 4.00-6.00 Tea, Social Club, on the invitation of the Ladies' Committee
- * 5.00 p.m. Reception by Archbishop Strachan 253 St. Mary's Avenue.
- * 5.30 p.m. Lacrosse Match, Sturburn Park. Tickets 75 cents.
- * 8.30 p.m. Opening Ceremony, Manitoba Horticultural Exhibition, by
 Mrs. F. Lorne Belp Fowen, M.B., B.S., F.R.H.S.
 Director, at Winnipeg Park. Tickets 25 cents.
- * 9.30 p.m. Presidential Reception. Dancing, Music, Refreshments. Legis-
 lative Buildings.



Wednesday, August 27th

- 9.00 a.m. Ladies' Social Club opens.
- 10.00-12.00 Conducted visits to—
 1. T. Eaton, Co., Limited, departmental store.
 Pearsall's Candy Factory
 2. Winnipeg Hydro Electric System.
 Dingwall's Jewellery Factory
 Winnipeg Grain Exchange
- 10.00-12.00 Morning Tea at "Green Gables" on the kind invitation of Mrs.
 E. W. Montgomery. Limited to 250. Buses leave at
 10.00 a.m.
- 1.00 p.m. Ladies' Luncheon, St. Charles Country Club. Limited to 200.
 Tickets \$1.00 may be prepaid at the Registration Office
 prior to 11.15 p.m. Tuesday August 26th. Cars leave at
 12.15 p.m.
- * 1.00 p.m. Luncheon and Illustrated Lecture on Psychic Research, by
 T. Ode Hamilton, M.D., at Fort Garry Hotel. Tickets \$1.50
- * 1.00 p.m. Irish Medical Schools and Graduates Annual Luncheon, Marl-
 borough Hotel. Limited to 150. Tickets \$1.00.
- * 2.00-4.00 Conducted motor tour of City terminating at Indian Pagoda.
- * 3.30-5.00 Indian Pagoda and Tea, Tuxedo, on the invitation of the
 President and Local Committee. Admission by membership
 badge or invitation card. Cars leave at 3.50 p.m.
- 6.30 p.m. Dinner in honour of Women Physicians, Members of the B.M.A.
 Pearsall's, Broadway by the Federation of Medical Women of
 Canada.
- * 8.15 p.m. Skating Carnival and Hockey Match, Amphitheatre Rink,
 Whitehall. Tickets \$1.00
- * 8.30 p.m. Public Meeting, Winter Club, speakers:
 1. Robert Hutchison, M.D., C.M., F.R.C.P., London, "The
 Pursuit of Health"
 2. Sir James Furze-Stewart, K.C.M.G., C.B., M.D., C.M.,
 F.R.C.P., London.

Chairman, The Hon. E. W. Montgomery, M.A., M.D.,
 C.M., L.L.D. Minister of Health, Manitoba.
- 10.00 p.m. Dance at Winter Club to be given by the Members of the
 Board of Directors of The Children's Hospital of Winnipeg.
 The Swimming Pool will be open from 10.00 p.m. until midnight.

PROGRAMME AND TIME TABLE FOR LADIES (Continued)

Thursday, August 29th

- 7.30 a.m. Memorial Service, Dr. Charlotte Ross. Brookside Cemetery
- * 8.30 a.m. National Temperance League Breakfast, Pendery's, Broadway
- 9.00 a.m. Ladies' Social Club opens.
- 10.30-12.00 Conducted Visits to
1. Hudson's Bay Company
Winnipeg Electric Company.
Canadian National Institute for the Blind.
 2. Pendery Candy Factory
Winnipeg Grain Exchange.
Diogenes's Jewellery Factory
- * 10.30-12.00 Morning Tea, Manitoba Horticultural Exhibition, Winnipeg
Rush on the invitation of the Ladies' Committee. Limited to 150. Cars leave at 10.30 a.m.
- 10.30-12.00 Morning Tea at Southwood Golf Club, Fort Garry on the invitation of the Ladies' Committee. Limited to 150. Cars leave at 10.15 a.m.
- 1.00 p.m. Ladies Luncheon, Manitoba Agricultural College. Limited to 400. Tickets (\$1.00) must be procured at the Registration Office prior to 8.00 p.m. Wednesday August 27th. Cars leave 12.30 p.m. Returns fare 25 cents.
- * 2.00-4.00 Visits to Business Establishments, etc. arranged on request before 10.00 a.m. to Registration Office.
- * 2.30 p.m. Conferment of Honorary Degrees, Water Club.
- * 4.00-4.00 Garden Party on the kind invitation of Lady Nanton, Kilmora, and Lt. Col. H. E. Fisher 221 Roslyn Road. Admission by badge.
- * 7.15 p.m. Annual Dinner of the Association, Hudson's Bay Store, Portage Avenue. Limited to 1500.
- * 8.30 p.m. Public Meeting. Water Club speakers.
1. Morris Fishburn M.D. Editor *Journal of American Medical Association*. "Ford Fads and Fashions."
 2. Sir James Barrett K.H.E. C.B.E. C.M.G. M.D. B.Ch., F.R.C.S. Melbourne, Australia. "Buck Nursing System."
- 10.00 p.m. Dance at Water Club to be given by the Members of the Board of Trustees of the Winnipeg General Hospital.
- The Swimming Pool will be open from 10.00 p.m. until midnight.



Friday, August 30th

- * 8.30 a.m. Medical Breakfast, Pendery's, Broadway.
- 9.30 a.m. Ladies' Social Club opens.
- 9.45 a.m. Golf, Notre Ladies Challenge Cup and Hidden Hole Competitions, St. Charles Country Club. Cars leave at 9.45 a.m. (See Golf Programme). Entrance fee 50 cents.

PROGRAMME AND TIME TABLE FOR LADIES (Continued)

10.00-12.00 Conducted Visits to—

1. T. Eaton Co., Limited, departmental store.
Picardy Candy Factory
2. Hudson's Bay Company.
Winnipeg Grain Exchange.

10.00-12.00 Morning Tea at "Sunnybrook Farm" on the kind invitation of Mrs. John Martin. Limited to 125. Buses leave at 10.00 a.m.

* 10.30-12.00 Morning Tea, Manitoba Horticultural Exhibition, Winnipeg Bldg. On the invitation of the Ladies' Committee. Limited to 150. Cars leave at 10.30 a.m.

12.30-2.30 Buffet Golf Luncheon, St. Charles Country Club. Tickets 75 cents.

* 2.00-2.30 Visits to Business Establishments, etc., arranged on request before 10.00 a.m. to Registration Office.

* 3.00 p.m. Garden Party, Presentation of Buffalo Head to British Medical Association, Folk Dancing and Singing, Lower Fort Garry, on the invitation of the President and Local Committee. Admission by membership badge or invitation card. Leave Winter Club at 2.30 p.m. Return fare 50 cents.

7.00 p.m. Tours A1, B1, and Tuberculosis Party leave C.P.R. Station via Soo Line.

* 9.00 p.m. Listerian Oration, Winter Club:
The Rt. Hon. Lord Moyrahan of Leeds, K.C.M.G., C.B.,
M.D., M.S., F.R.C.S., LL.D.
Chairman, John Stewart, M.B., C.M., LL.D., Halifax, N.S.

11.00 p.m. Tour A leaves C.P.R. Station on Great Lakes Special.

12.00 m't. Tours C and C1 leave Union Station on C.N.R. Special.



Programme and Time Table for Juniors

NOTE 1. All Juniors Expositions start from outside the Ladies' Social Club situated in the Winter Club, Smith Street Winnipeg.

NOTE 2 - All information in regard to golf and tennis may be obtained from golf and tennis committees, Ladies' Social Club.

NOTE 3. - The Swimming Pool in the Winter Club will be open from 9.00 a.m. to 5.00 p.m.

Tuesday, August 16th

- 12.00-4.00.** Girls Swimming Party and Luncheon on the kind invitation of Mrs. James A. Richardson, 475 Wellington Crescent Limited to 17.
- 4.30-6.00** Afternoon Tea on the kind invitation of Mrs. Louis Redmond, Hardsart Blvd., Tuxedo. Limited to 50.
- 8.30 p.m.** Opening Ceremony Manitoba Horticultural Exhibit by (Mrs.) Katherine Bishop Harman M.B. B.S. F.R.H.S., London-Winnipeg Bunk. Tickets 25c.
- 9.30 p.m.** Reception by the President and Local Executive at the Legislative Building. Dancing, music to commence.

Wednesday, August 17th

- 9.30-2.30** Picnic at Sandy Hook, on the invitation of the Junior Committee. Swimming and golf. Buses leave Winter Club, 9.30 a.m. Return via Indian Payment.
- 1.30-4.00.** Indian Payment and Tea, Tuxedo, on the invitation of the President and Local Committee. Admission by membership badge or invitation card. Cars leave the Winter Club at 2.30 p.m.
- 8.15 p.m.** Skating Carnival and Hockey Match, Amphitheatre Rink, Whitehall. Tickets \$1.00.
- 10.00 p.m.** Dance at Winter Club to be given by the Members of the Board of Directors of The Children's Hospital of Winnipeg.
- The Swimming Pool will be open from 10.00 p.m. until midnight.

Thursday, August 18th

- 10.00-12.00.** Conducted Tours. See programme and time table for Ladies. Tennis and golf games will be arranged at the Ladies' Social Club if desired.
- 10.00 p.m.** Dance at Winter Club to be given by the Members of the Board of Trustees of the Winnipeg General Hospital.
- The Swimming Pool will be open from 10.00 p.m. until midnight.

Friday, August 19th

- 10.00-12.00** Conducted Tours. See programme and time table for Ladies. Tennis and golf games will be arranged at the Ladies' Social Club if desired.
- 1.30 p.m.** Entertainment, Lower Fort Garry. Leave Winter Club 1.15 p.m. Return fare 50 cents. Admission by badge or invitation card.
- 8.30 p.m.** Informal Dance on the kind invitation of Mrs. Gordon Chown, 588 Broadway.

The Hospitals and Nursing Missions of Greater Winnipeg

Winnipeg General Hospital

In 1871 one year after Manitoba had become a province, Lieutenant-Governor Arlidge, held a meeting of the citizens of Winnipeg to discuss matters of health. A Board of Health was formed and a resolution to begin hospital work. On December 13th 1872 the Winnipeg General Hospital was organized. In 1875 this hospital like most other hospitals had to appeal for assistance and had to fight legally against the Provincial Government before a appropriation was taken out. At first the hospital found quarters in rented buildings and there were many moves until through the generosity of two Red River pioneers Andrew McIlwain and Hon. A. C. R. Hannaford, the present site was bought. On this a building costing \$45,000 was erected and formally opened in 1884. The Winnipeg General Hospital was one of the first in Canada to institute a training school for nurses the first class graduating in 1889. A Nurses' Home was built in 1888 a small maternity hospital in the same year an isolation hospital in 1892 and a surgical block in 1899. In 1904 a medical block was erected and the administration portion was remodelled. The full tide of immigration into the west between 1911 and 1912 was reflected in the expansion of the hospital. New buildings were completed in 1913.

From the institution of the Manitoba Medical College in 1883, the college and hospital have been closely associated with advantage to both. The college has become the medical school of the University of Manitoba but the General Hospital remains a teaching hospital and in effect though not in name, a university hospital.

The Winnipeg General was the first hospital in Canada to organize a social service department 1910. In 1919 the Provincial Government erected a Psychopathic Hospital on the grounds of the General Hospital. In 1921 a large addition was made to the Nurses' Home.

At the present time the hospital has accommodations for 700 patients. There is a private service open to the patients of any reputable physician or surgeon and a public service under the care of the physicians attending staff which numbers thirty-two. The out-patient department is very large and an honorary staff of forty-five doctors minister to their ill.

St. Boniface Hospital

St. Boniface Hospital has the distinction of being the first hospital in the Canadian west. In 1871 the Grey Nuns opened the first hospital of four beds on the site of the present buildings.

which are situated on the west bank of the Red River opposite the junction of the Red and Assiniboine. The small frame building of 1871 has vanished, but in its place are the group of buildings, the large main edifice, St. Hubert Hospital for infectious diseases, the new Nurses' Home, the Internists' Residence and the Power House which make the St. Hubert Hospital of today. Like the Winnipeg General Hospital it is a teaching hospital of the University of Manitoba. It can accommodate 600 patients.

The Grey Nuns owe their origin to the Venerable Marie-Marguerite Dufrost, Lajumerais, Madame d'Youville, and the Rev. Louis M. Normand, O. F. M., one time Superior of the Seminary of St. Sulpice of Ville Marie, now Montreal. The order was founded in 1738, when the first city of Canada was little more than a village settling on an island at the edge of a boundless wilderness.

Misericordia Hospital

Third in point of size among the hospitals of Winnipeg is the Misericordia Hospital. It is under the direction of The Institute of the Sisters of the Misericordia, which was founded in Montreal May 1st 1845 and canonically approved on January 16th 1848. The objects of the institute are to help in the moral rehabilitation of the unfortunate victims of a decadent world, and to receive, nurse and bring up the poor orphan children. Its motto is "Misericordia delectat."

In 1898 a house of the institute was established in Manitoba. Four sisters were brought out. Shortly after their arrival they bought land on Broadway where they intended to lay the foundation of a permanent establishment. Unforeseen circumstances compelled them to abandon that site, and a new site was secured at the foot of Stephenson Street, close to Maryland Bridge over the Assiniboine. In 1900 the first part of the present structure was completed.

In 1907 the hospital was enlarged and in 1912 the Asile-Rachot was built at St. Norbert to give shelter to 100 babies. In 1916, a training school for nurses was established, and the hospital, which at first received only obstetrical cases, became a general hospital. In 1927 a large freestanding addition, fronting on Winchester Avenue was built. It contains splendidly equipped operation rooms and laboratories, as well as wards which bring the total capacity of the hospital to 225 beds.

The Children's Hospital

In 1906 the idea of starting a hospital exclusively for children was brought before the Local Council of Women. A committee of four was chosen with power to add to their number. It was decided to open a hospital for children in a locality where the death rate was highest and until the venture had shown its value to solicit no funds, but to raise them by their own personal efforts and the efforts of their friends. By running a tea-shop, by bazaars, literary teas, selling paper violets on the streets and in

other ways these women finally secured sufficient funds to enable them to rent a large house. On February 6th, 1909 the hospital was opened with one baby patient, one superintendent, one maid of all work, and a full staff of honorary physicians and surgeons. In that year 282 children were admitted, and 346 new patients treated.

With the need of a hospital for the exclusive treatment of children established, a site of 3½ acres was procured on Aberdeen Avenue, overlooking the Red River. The present hospital was erected and was opened for patients in November, 1911. It was formally opened in July, 1912 by H. R. H. the Duke of Connaught, and he and his consort became patrons of the hospital.

In 1916 a complete laundry unit was built and in 1918 a nurses residence. In 1925 the Shriners Hospital for Crippled Children established a unit for treatment of twenty patients by using one ward of the hospital. In 1928 by an addition, accommodation was provided for 32. At the present time the hospital can accommodate 133 patients. The out-patient department is splendidly equipped with quartz lamps and other apparatus for photo-therapy supplied by the Kiwanis Service Club.

The Bureau of Child Hygiene

Adjoining the Children's Hospital is the Milk Dispensary owned by the City of Winnipeg and under the direction of the Bureau of Child Hygiene, a division of the Health Department. In 1912, the year prior to the institution of the Bureau of Child Hygiene, the death rate of infants under one year was 207 per 1,000 live births. In 1929 the infant death rate was 58.6. The bureau has three distinct services: the babies' clinic, a milk dispensary, and visiting nurses. In the milk dispensary are prepared by trained dietitians the modified feedings prescribed by the clinic, Children's Hospital and private physicians. The clinic is open daily, except Sundays, from 9 a.m. to 5 p.m. for consultations, advice and the weighing of babies. The nurses number fourteen, thirteen district nurses and one in attendance at the clinic.

Grace Hospital

Grace Hospital was organized in 1904 by the Salvation Army, in order to care for unfortunate girls, and to provide accommodation for maternity patients. It was incorporated in the same year by special act of the Manitoba Legislature and for a time work was carried on in a rented house on Young Street. In 1905 the corner stone of the first section of the hospital at the corner of Preston and Arlington Streets was laid by Hon. R. P. Roblin, Premier of the province. In 1911 the hospital was considerably enlarged, and in 1927 a fully modern building, of fireproof construction, four storeys in height, and fronting on Arlington Street, was opened by Lady Willingdon, wife of the Governor-General of Canada. The three lower floors contain wards and nurseries,

while on the fourth floor are waiting rooms, labour rooms and operating rooms with the latest equipment. With this addition Grace Hospital now contains 140 beds for patients, and also accommodation for 60 girls, as rescue work among the unfortunate has always been part of the work of the Salvation Army

Victoria Hospital

Victoria Hospital, on River Avenue, in Fort Rouge was built in 1912 by the late Dr Thomas Beath. A few years before, Dr Beath had built and operated a hospital on Bannatyne Avenue near the Winnipeg General Hospital. This structure, a wooden building, was later used for a short time by the City of Winnipeg as a hospital for infectious diseases.

Victoria Hospital is seven stories in height, of reinforced concrete and brick construction, and has accommodation for 103 adult patients and 18 babies in the five floors used for hospital purposes. The Nurses' Home, a solid brick building, adjoins the hospital, while across River Avenue is the Annex, a brick-veneered building. This provides quarters for the Social Service home and for hospital attendants. The hospital is general, and accepts all cases which are not contagious or infectious. It is an "open" hospital, in which any registered physician in good standing may attend his cases.

Dr Beath was managing director until 1919, when he resigned on account of ill health. The present direction of the hospital is vested in a board of directors with Dr J. R. Thomson as managing director.

St. Joseph's Hospital

St. Joseph's Hospital, Winnipeg, conducted by the Sisters of St. Joseph, is situated on the corner of Salter Street and Pritchard Avenue, North Winnipeg, built in 1918 and operated as a private hospital until June, 1923, when it was taken over by the Sisters of St. Joseph, of Toronto, and immediately converted into a general hospital of fifty beds. In September of the same year a training school for nurses was opened.

In January, 1927 a new unit containing operating rooms, private and ward accommodation was opened, and a staff of attending doctors was formed for the departments of surgery, medicine, gynaecology, obstetrics, and eye, ear, nose and throat. A radiologist and pathologist have since been appointed. In the same year an out-patient department was opened.

The training school for nurses is under the direct supervision of the Sisters of St. Joseph, and is affiliated with the King George and King Edward Hospitals for Communicable Diseases.

The Order of the Sisters of St. Joseph was established at LePuy, France, October 15th 1650, by Mgr Henri de Maupas, Bishop of LePuy. In 1836 the first American foundation was made from

the Community at Lyons, France, and on October 7th, 1851, the first Canadian foundation was made at Toronto, Ontario.

The special purpose of the Congregation of the Sisters of St. Joseph is the instruction and Christian education of youth and the direction of charitable works such as orphanages, hospitals, and homes for the poor and aged.

The Municipal Hospitals

The Municipal Hospitals, comprising King George Hospital for acute communicable diseases, King Edward Hospital for advanced pulmonary tuberculosis, the Smallpox Annex, Nurses' Home, Power House and Superintendent's Residence, are grouped in the south end of the city in a 25-acre park, triangular in shape, with the Red River forming the base of the triangle. King George Hospital has 200 beds, King Edward Hospital 100 beds, and the Smallpox Annex 30 beds.

Hospital service as a civic utility dates back to January, 1911, when the old Peath Hospital on Bannatyne Avenue near the General Hospital was purchased to provide for the cases of scarlet fever prevalent at that time. Five months later a temporary building for cases of advanced pulmonary tuberculosis was opened. This building was located on the site in the Riverview district mentioned in the previous paragraph. In July, 1912, King Edward Memorial Hospital was ready for occupancy, and in February, 1914, King George Hospital was opened.

H. R. H. the Duke of Connaught opened the King Edward Memorial Hospital and laid the foundation stone of the King George Hospital on July 11th, 1912.

Sixteen training schools in Manitoba, Saskatchewan and Ontario send their student nurses to the Municipal Hospitals of Winnipeg for training in infectious diseases nursing. Medical students from the University of Manitoba also receive instruction here.

Deer Lodge Military Hospital

Fronting on Portage Avenue, and looking to the Assiniboine River, stands the hospital for ex-service men. Deer Lodge hostelry was for many years a favourite resort of Winnipeggers, but during the war it was taken over by a citizens committee as a convalescent hospital for returned men. In 1917 the Department of Militia took it over and used it as an Officers' Hospital. Later it came under the Department of Pensions and National Health. In 1927 and 1929 fireproof wings were added to the original wooden structure. The total bed accommodation is 204, and the hospital is completely equipped with operating rooms and x-ray apparatus.

Mount Carmel Clinic

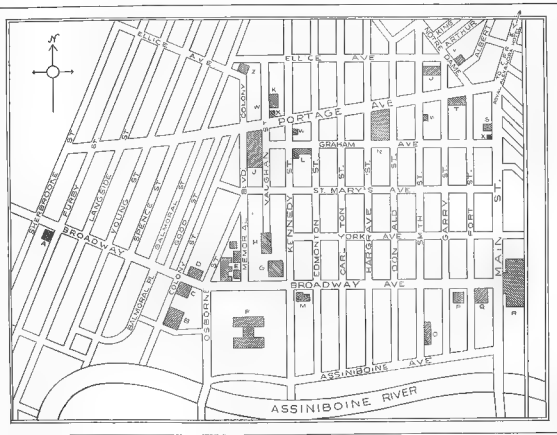
Mount Carmel Clinic is the most recent of Winnipeg's institutions for ministering to the sick. Located in a fine brick building on the west bank of the Red River it is well situated to serve the adjacent thickly settled district. The clinic is maintained by voluntary contributions and renders aid to the sick poor without distinction of race, creed, or nationality. It contains the latest equipment for diagnosis and treatment.

Winnipeg Health Department

Winnipeg has reason to be proud of its health department which for a number of years has been under the direction of Dr. A. J. Douglas. As late as twenty-five years ago typhoid fever was prevalent and swelled the death rates. From 1904 onward energetic steps were taken to stamp out the disease with the result that for the last ten years very few cases have developed within the city. The steps taken included an extensive campaign of education as to the means whereby the bugger is transmitted, insistence upon proper sanitation, the shutting of outdoor privies, and the building of an aqueduct ninety-six and a half miles in length to bring a supply of purest water from Pemm Lake, an arm of the Lake of the Woods. The fight against other communicable diseases has been waged with equal vigour. Reference is made elsewhere to the Municipal Hospital, which provide accommodation for sufferers from diphtheria, scarlet fever, tuberculosis, smallpox and other communicable diseases. The Bureau of Child Hygiene maintained earlier, comes under the aegis of the Health Department. The death rate for the City of Winnipeg for the year 1927 was 8.20 per 1,000 population, and not the least among the factors which keep the death rate at a low figure is the Health Department.

The Victorian Order of Nurses

The Winnipeg Branch of the Victorian Order of Nurses, an organization which extends across Canada, is particularly strong and efficient. It has existed in Winnipeg for twenty-one years and has grown with the community. The staff consists of a supervisor and twelve nurses. The order also has a lot of women who can act as helpers in the home when the mother is ill. The nursing service of the Victorian Order is divided into two classes—district and hourly. In district nursing the fee charged for visits are on a sliding scale according to the patient's ability to pay, though the size of the fee does not regulate the service. One of the objects of the Order is to foster a spirit of independence and self-respect among its patients. In hourly nursing a fixed rate per hour is charged. This service is run on a self-supporting basis, and is in no way a charity. In times past the Winnipeg Branch has also done industrial nursing, i. e., attending the nursing care of the employees of large departmental stores and other



INTERPRETATION OF KEY MAP Location of Sectional Meetings Italicized

- A. Young United Church - Reserve space
- B. Amphitheatre Skating Rink Ice Carnival
- C. Peasey's - Lunches, Dinners, Teas
- D. All Saints' Church In School Room
Section of Pathology
- E. University Buildings Theatre A
Theatre B
Theatre C
Section of Obstetrics and Gynecology
Section of Diseases of Children
Section of Mental Diseases and Neurology
- F. Leggett St. Building
Religious Service
Presidential Reception and Dance
Section on History of Medicine and Medical Society Room 300
Section of Public Health Room 254
Section of Anesthetics Room 232
The Wellesley Historical Medical Museum Exhibit Room 230
- G. Law Courts Room 226
Room 219
Section of Otolaryngology
Section of Ophthalmology
Section of Dermatology, Pathology, Physiology and Bio-Chemistry Room 119
Section of Radiology Room 121
- H. Old Law Courts Reserve space
- I. Cenotaph Memorial Ceremony
- J. Hadden's Bay Co's Store
Luncheon and Dinners
Annual Banquet
- K. Y M C A
- L. Medicine Arts Building and Museum Arts Club
- M. St. Stephens Broadway United Church In Church
In School Room
Section of Medicine
Section of Orthopedics
- N. T. Eaton Co's Store - Lunches
- O. Winnipeg Winter Club
Headquarters of 53rd Annual Meeting
Concurrent Exhibits
Scientific Exhibits
Luncheon Service, C. A. B.
Section of Surgery
- P. Fort Garry Hotel
- Q. Manitoba Club
- R. Union Station - C. N. R.
- S. Carleton Club
- T. General Post Office
- U. Marlborough Hotel
- V. St. Charles Hotel
- W. Moore's Ltd. - Lunches (2 Locations)
- X. Bentleys' Lunches (2 Locations)
- Y. Royal Alexandra Hotel
- Z. Y W C A

organizations. While at the present this work is not being carried on, the Winnipeg Branch is prepared to resume it when conditions warrant.

In addition to the district work the Victorian Order carries on an educational campaign, through prenatal and postnatal visits, a "Well Baby" clinic in St. James, and Home Nursing and Mothercraft classes.

The Victorian Order Dental Clinic is a boon to those who cannot afford to pay the full charges of a dentist. Some fifty dentists of the city generously give their services free to this clinic.

The headquarters of the Winnipeg Branch are in the Medical Arts Building, itself a splendid monument of medical enterprise and co-operation.

The Margaret Scott Nursing Mission

This mission is called "The Margaret Scott Nursing Mission of Winnipeg" in acknowledgment of the unselfish and self-sacrificing labours of Mrs. Scott in ministering for many years to the physical and spiritual needs of the sick poor of this city. It is supported by a society formed to perpetuate the work of Mrs. Scott who, happily, is still living, though in delicate health.

The mission was organized a little over twenty-five years ago. The Nurses' Home is at 99 George Street in the east end of the city, close to the Red River. The mission is denominational and ministers to the sick poor without making any charge. In 1928 the visits made numbered 27,864, of which a large proportion were to female patients so maternity nursing forms a large part of the work. The nurses are usually twelve in number, including six student nurses from the Winnipeg General Hospital, and two student nurses from the Children's Hospital who come to the mission for two months' experience in district nursing.

Care of Mental Patients in Manitoba

The Province of Manitoba provides for the investigation and care of cases of mental disease in three institutions viz. Mental Hospital at Selkirk 25 miles from Winnipeg Brandon 140 miles from Winnipeg and the Psychopathic Hospital operating in affiliation with the Winnipeg General Hospital.

The Mental Hospital at Selkirk has a present patient population of approximately 400 and was founded in 1896 as Manitoba's first institution for the care of mental patients. The hospital buildings are of brick situated on an extensive property of some 400 acres. Recent additions have included a modern laundry building a very fine reception hospital and a nurses residence. A new block providing accommodation for 150 patients has just been completed this year. Overcrowding is a serious problem in all Manitoba institutions a state of affairs that is apparently almost world wide. The superintendent is Dr. E. C. Barnes.

The hospital at Brandon is a much larger institution accommodating over 1100 patients and was founded in 1894. It was destroyed by fire in 1910 happily with no loss of life. The main building was replaced in 1911-12 but is in many ways a very unsatisfactory structure. New construction has included Nurses Residence reception hospital a colony for demented patients. The hospital has an exceedingly active service serving as it does the greater part of the Province's population outside of Winnipeg and its near by communities. Dr. C. A. Barragar is the superintendent.

The Psychopathic Hospital the first of its kind in Canada, was established in 1916 and is situated in close proximity to the Winnipeg General Hospital and Medical School with both of which it has very close relations. It has a nominal capacity of 12 beds but circumstances have necessitated a very serious degree of over crowding. It is intended for the reception of early recoverable cases and up to now cared for over 1,000 persons with an average of 65% recovered or improved to a degree permitting return to the community. There is an active Out Patient Department. Dr. A. T. Mathers is the director and is also Provincial psychiatrist.

The outstanding attainments of the Division of Mental Diseases are: 1. Provision of smoothly working and non-terrifying methods of admission for patients with a minimum of legal procedure. 2. conversion of asylums into hospitals with provision for proper reception of patients proper classification provision for hydrotherapy and occupational therapy provision of adequate laboratory service improved nursing and medical service social service and facilities for instruction of medical students and nurses in training. 3. improvement of the medico-legal aspects of psychiatry by providing expert service for all courts in the Province. It is noteworthy that in twelve years there has not been opposing medical testimony in any criminal

case. Results of examinations made by the Provincial psychiatrist are communicated to both Crown and Defence and are subject to cross-examination by either or both.

Medical Inspection in Winnipeg Public Schools

A system of regular medical examinations of school children in Winnipeg was inaugurated in 1908. At that time the school population was 14,000 and the staff consisted of two part-time physicians, a man and a woman physician to examine boys and girls respectively and two nurses. At the time of 1929 the school population numbered 42,000 and the staff consisted of one full-time medical officer, three part-time physicians, two nurses and a woman physician to examine fourteen nurses and ten clerks.

Each pupil is physically examined by a staff physician once every two and a half years. Preliminary tests are given by the chief medical officer. Backward children are placed in special classes of which there are eighteen. There are two night-school classes for children whose vision is found to be one third of normal with the highest grade in correction. The medical staff also examines all teachers and caretakers appointed to the schools. The chief medical officer, a woman physician, examines the health of the teachers already on the staff through the medical certificates required of every teacher absent from duty on account of illness for more than one day.

The nurses supervise the health of all pupils weekly for contagious diseases and have been responsible for the discovery of 10 per cent of all such cases among school children unattended by a doctor. They take up all cases of physical defects noted by the school physicians, cooperate with school psychologists and psychiatrists as well as with outside social welfare organizations.

As in the cities, children are provided with bathing and food and garments to keep the average in winter. They give lectures to "Mothercraft" to the higher grade girls. They assist the City Health Officer in giving anti-rabies vaccination and typhoid inoculations in the schools and follow up all cases of school children in school premises. When children require glasses and are unable to pay for them glasses are supplied free by the School Board.

There is also a Dental Department consisting of one full-time dentist and five part-time dentists. Children whose parents are unable to pay for dental work are referred by the school nurse to the dental department.

Seventy-eight caretakers in the employ of the School Board have received First Aid Certificates from the St. John Ambulance Society.

Manitoba's Fight Against Tuberculosis

The impulse of the modern campaign against tuberculosis reached Manitoba early in the new century. As a result, Manitoba Sanatorium was opened at Nisette in 1910, and the King Edward Hospital of the City of Winnipeg a little later. St. Roch's section of St. Boniface Hospital also treats tuberculosis patients. Beds in the three institutions are about 285, 100 and 40 respectively.

The Sanatorium treats tuberculosis of all forms. General hospitals receive both pulmonary and non-pulmonary cases temporarily for surgical phases of treatment—phrenotomy, thoracoplasty, resections of joints, etc.

Maintenance

Patients who cannot pay are charges on their municipalities, and the Provincial Government grants fifty cents per patient-day. Outside the four cities the obligations of municipalities are met by a lump sum payment raised by levy. One advantage of this plan is that once the levy has been paid a municipality is anxious to send its patients for treatment.

Education

The general education of the people by lectures, addresses and publications has been a useful part of the work of the Sanatorium.

The teaching of medical students has been a definite part of the work of the Sanatorium since 1913, and for ten years or more the Medical College has sent all students for a residence of at least two weeks. This teaching is added to by clinics and lectures in Winnipeg.

Clinics

The Sanatorium at Nisette, the King Edward, and the larger hospitals of the Winnipeg-St. Boniface centre, keep up clinics for tuberculosis cases.

For five years the sanatorium staff, with Public Health nurses have held "Travelling" clinics for the examination of contacts and suspects. X-Ray plates are made of almost all examined. In seventeen such clinics last year 2,104 were examined, among whom 104 new cases were found. By the end of June this year nearly 2,500 had been examined by the Sanatorium staff at home and abroad. This itinerant work is supported by the sale of Christmas Seals.

Though the Manitoba death rate from tuberculosis has dropped and is comparatively low—in the fifties per hundred thousand population—the numbers seeking treatment are increasing as evidence that the field is being better covered. There are about 400 deaths a year.

A Government commission in 1928 recommended more beds, a sanatorium for children, and that travelling clinics be continued.

St. Boniface Hospital is at present building a large and well-appointed sanatorium adjacent to the chief centre of population.

The Board of Trustees of the Manitoba Sanatorium has become the nucleus of an official SANATORIUM BOARD OF MANITOBA to co-ordinate anti-tuberculosis effort.

One chief agency for this co-ordination in work, teaching and records, is to be a central tuberculous clinic for the province, with a few beds for emergencies and observation.

Plans for a children's sanatorium are ready, but it will likely not be built this year.

There is a tuberculosis division in the Provincial Government Public Health Nursing Service, and Winnipeg City has three nurses dealing especially with tuberculosis.

Among the chief external foci are the Indian settlements, in which infection is well-nigh universal and resistance poor. To a less extent, the same is true of a part of the very considerable half-breed population.

Colonies of European peoples of low resistance also are foci of infection.

Altogether, with facilities now in use and those under way, Manitoba should be ready to get off to a new start in dealing with tuberculosis as an epidemic and endemic disease, that is by methods of control and prevention as well as by segregation and treatment.

Cancer Relief Institute of Manitoba

Within the last few months concerted action has been taken to provide for the adequate treatment of sufferers from cancer in Manitoba. Surgeons, hospitals and deep X-ray equipment have been available for some time, but there was not a sufficient supply of radium. In March, 1929, a committee, named by the Dean of the Medical School, began work on the problem. The Government of Manitoba agreed to guarantee bonds up to \$100,000.00 for the purchase of radium and the Great West Life Assurance Company, with headquarters at Winnipeg, offered to take the bonds at par with a low rate of interest. In May, 1930, the Manitoba Legislature passed an enabling act under which control was vested in the Cancer Relief Institute. The members of this Institute are prominent medical and business men of the province.

Under the direction of the Physics Department of the University of Manitoba, a radium emanation plant will be established in the Medical School. A supply of radium needles and plaques will also be available. It is proposed to employ a registrar to be in charge of all records and to establish a cancer museum. The Cancer Relief Institute hopes to see tumour clinics also established in the teaching and larger hospitals in the province.

The officers of the Institute are

Dr. Charles A. MacKenzie, Chairman,
Dr. Hugh Mackay, Vice-Chairman,
Dr. Bruce Chown, Secretary

Conferment of Honorary Degrees

In the Winter Club Auditorium on Thursday, August 28th, at 3.30 p.m., there will be a special convocation of the University of Manitoba for the conferment of the degree, Doctor of Laws, on certain of the distinguished members.

The Chancellor, The Most Reverend Samuel P. Matheson, D.D., D.C.L., LL.D., Archbishop of Rupert's Land and Primate of All Canada, will preside, and will confer the degree on the following:—

ALFRED COX, O.B.E., Hon. M.A., M.B.

A. H. BURGESS, M.Sc., F.R.C.S., D.L.

W. HARVEY SMITH, M.A., M.D., C.M.

The Rt. Hon. LORD MOYNIHAN OF LEEDS, K.C.M.G., C.B., M.D., M.S., F.R.C.S., LL.D.

The Rt. Hon. Lord DAWSON OF PENN, G.C.V.O., K.C.B., M.D., F.R.C.P.

N. BISHOP HARMAN, M.A., M.B., F.R.C.S.

Professor W. E. DIXON, M.A., M.D., B.Sc., D.P.H.

Sir ST. CLAIR THOMSON, Kt., M.D., F.R.C.P., F.R.C.S.

Sir JAMES W. BARRETT, K.B.E., C.B., C.M.G., M.D., B.Ch., F.R.C.S.

Sir E. FARQUHAR BLIZZARD, K.C.V.O., M.A., M.D., B.Ch., F.R.C.P.

These gentlemen will be presented by S. Willis Prowse, B.A., M.D., C.M. (Edm.), F.R.C.S.E., F.A.C.S., Dean of the Faculty of Medicine, University of Manitoba.

S. WILLIS PROWSE, B.A., M.D., C.M. (Edm.), F.R.C.S.E., F.A.C.S.

will be presented by

The Hon. E. W. MONTGOMERY, M.A., M.D., C.M., LL.D., F.A.C.P.,
Minister of Health and Public Welfare, Manitoba.

Meetings

By permission of the Council the following Meetings will be held at Winnipeg during the visit of the Association

IRISH MEDICAL SCHOOLS AND GRADUATES ASSOCIATION LUNCHEON

The Irish Medical Schools and Graduates Association will hold its Annual Luncheon on Wednesday August 27th at 1 p.m., at the Marlborough Hotel. The President of the British Medical Association Professor W. Harvey South M.A., M.D., C.M. will be the guest of the Association. The speakers will include Sir William J. de Courcy Wheeler F.R.C.S.I., Professor T. G. Mitchell F.R.C.P.I., Regius Professor of Physics in Trinity College and Sir Robert Woods M.P., F.R.C.S.I. All these are distinguished members of the profession in Dublin. The luncheon is open to any member of the medical profession and guests, ladies or gentlemen may be invited. Tickets will be \$1.00 each, and can be obtained at the B.M.A. registration office. Seating accommodation is limited to one hundred and fifty. As there are many doctors of Irish descent who will want to hear their native language in its purest form, it is advisable to make reservations early.

NATIONAL TEMPERANCE LEAGUE

On Thursday August 28th the National Temperance League will hold its Seventieth Annual Medical Breakfast in the Salon, Picardy's corner Broadway and Colony at 8.30 a.m. under the presidency of Professor W. Harvey South M.A., M.D., C.M., President British Medical Association who will be supported by leading members of the Association. Dr. Courtenay C. Weeks, Director of the League will deliver the special address. Members are cordially invited to apply for cards of invitation which may be obtained at the Registration Office, Winter Club, or from Dr. H. P. H. (address) 66, Broadway.

MEDICAL MISSIONARY BREAKFAST

In co-operation with the Medical Prayer Union, a Breakfast will be held on Friday August 29th in the Salon Picardy's, corner Broadway and Colony at 8.30 a.m. The Chairman is Professor W. Harvey South M.A., M.D., C.M. President, British Medical Association. An address by an eminent authority on Medical Missions will be given. All interested are cordially invited and are requested to apply for cards of invitation, which may be obtained at the Registration Office, Winter Club, or from Dr. A. W. S. Hay, 205 Medical Arts Building.

Scientific Sections

TIME TABLE FOR SECTIONS

The Sections will meet from 10 a. m. to 1 p. m., unless otherwise noted. The respective rooms are given on page 137, and the directions in the various buildings will be indicated by placards.

RULES FOR GENERAL DISCUSSIONS

Members and (on certain specified conditions) **Press Representatives** only are admitted to Sections, and **Membership Cards** must be shown at the door on request.

The following are extracts from the Rules for the Conduct of Discussions in Sections adopted by the Council —

1. One person, hereinafter called the **Opener**, shall be invited to open each General Discussion.
2. The paper of the Opener shall not exceed in length 5,000 words.
3. Prints of the Opening Paper for each discussion (if received in time) shall be supplied to the Honorary Secretaries of the Section, and the Local Honorary Secretaries shall send a print in advance to those invited to take part in the discussion, and to others who apply for a copy.
4. At the meeting of the Section the Opener of a discussion shall be allowed 20 minutes. He shall not read the full text of his Opening Paper, but state and emphasise the main points which he considers suitable for discussion. This is a point which should be duly impressed on speakers.
5. Subsequent speakers in a discussion shall be limited each to 10 minutes, subject to the discretion of the Chairman, with the sanction of the meeting.
6. No person shall be permitted to speak more than once in any discussion, except in reply to a question put by the Chairman of a Section, but the Opener shall be allowed 10 minutes in which to make his reply.

List of Rooms for B.M.A. Section Meetings

Section	Days	Place of Meeting	Plan
Surgery	Wednesday Thursday Friday	Winter Club	O
Medicine	Wednesday Thursday Friday	St. Stephen's-Broadway United Church	M
Obstetrics and Gynaecology	Wednesday Thursday Friday	Lecture Theatre "A" University	E
Oto-Laryngology	Thursday Friday	Law Courts (Room 226)	G
Diseases of Children	Wednesday Thursday Friday	Lecture Theatre "B" University All Saints School Lecture Theatre "B" University	E D E
Orthopaedics	Wednesday Thursday	St. Stephen's-Broadway United Church School	M
Ophthalmology	Wednesday Thursday Friday	Law Courts (Room 219)	G
Bacteriology, Pathology, Physiology and Bio-Chemistry	Wednesday Thursday Friday	Law Courts (Room 113)	G
Tuberculosis	Wednesday Thursday Friday	Winter Club All Saints' School	O D
Radiology	Thursday Friday	Law Courts (Room 121)	G
Mental Diseases and Neurology	Wednesday Thursday Friday	Lecture Theatre "C" University St. Stephen's-Broadway United Church	E M
Public Health	Wednesday Thursday Friday	Legislative Bldg. (Room 254) All Saints' School	F D
Anaesthetics	Wednesday Thursday Friday	Legislative Bldg. (Room 232)	F
History of Medicine and Medical Sociology	Wednesday Thursday	Legislative Bldg. (Room 200)	F

Detailed Programme of Sections

MEDICINE

President.

The Rt. Hon. Lord DAWSON OF PENN, G.C.V.O., K.C.B., M.D.,
F.R.C.P., London.

Vice-Presidents

Professor T. GILLMAN MOORHEAD, M.D., F.R.C.P.I. Dublin
EDMUND I. SPRIGGS, M.D., F.R.C.P. Ruthin Castle, North Wales
CHARLES HUNTER, M.D., F.R.C.P., Winnipeg
Professor KENNETH ALEXANDER MacKENZIE, M.D., Halifax, N.S.

Honorary Secretaries.

JOHN PARKINSON, M.D., F.R.C.P., 1 Devonshire Place, London,
W.1

J. M. McEACHERN, M.B., Medical Arts Building, Winnipeg
Official Reporter Dr J. M. McEACHERN.

WEDNESDAY, AUGUST 27th

10 a.m. **Discussion** Filterable Viruses and Practical Medicine. To be opened by Dr S. P. BENSON (London), with a Clinical Introduction by Lord DAWSON, followed by Dr NEIL E. McKINNON (Toronto) Paper Professor J. C. MEAKINS (Montreal), and Dr W. de M. SCRIVEN (Montreal) Treatment of Hypertension.

THURSDAY, AUGUST 28th

10 a.m. **Discussion** The Functional Disorders of the Colon To be opened by Dr EDMUND SPRIGGS (Ruthin Castle), followed by Dr E. E. CLEAVER (Toronto), and Dr THOS. McCRAE (Philadelphia) Paper Dr T. GWYNNE MITLAND (Liverpool), Group Captain MARTIN FLACK, R.A.F.M.S., and Dr J. R. MARRACK (Sawbridgeworth, Essex).

FRIDAY, AUGUST 29th

10 a.m. (Joint meeting with Section of Mental Diseases and Neurology) **Discussion** Acute Poliomyelitis To be opened by Sir FARQUHAR BUTLAND (Oxford), followed by Professor H. B. CUSHING (Montreal), and Dr. JOHN M. McEACHERN (Winnipeg)

MEMORANDA

SURGERY

President

**The Rt. Hon. Lord MORTIMER OF LEEDS, K.C.M.G., C.B.,
M.D., M.S., F.R.C.S., LL.D., Leeds.**

Vice-Presidents

Sir WILLIAM J. DE COCKRY WHIFFLER, M.D., F.R.C.S.I., Dublin
HERBERT WM. CANNON, F.R.C.S., London
PROFESSOR BRANDER J. BRANDSON, M.D., Winnipeg.
JOHN SINCLAIR McEACHERN, M.D., C.M., Calgary

Honorary Secretaries

HUGH CAIRNS, F.R.C.S., The London Hospital, London, E. 1
C. W. BURNS, M.D., C.M., 212 Medical Arts Building, Winnipeg.

Official Reporter **Mr HUGH CAIRNS.**

WEDNESDAY, AUGUST 19th

10 a.m. (Joint Meeting with Section of Tuberculosis). **Discussion** Recent Advances in Thoracic Surgery. To be opened by Professor E. W. ARCHIBALD (Montreal), The Scope of Thoracic Surgery, followed by Dr J. ROUSSEAU BYRNE (Montreal), and Dr R. A. YOUNG (London), The Medical Aspects of Thoracic Surgery, Mr A. TUDOR EDWARDS (London), Malignant Disease of the Lung, Dr W. L. MANN (Winnipeg), Phrenicotomy, Dr J. D. McEACHERN (Winnipeg), Closed Drainage in the Treatment of Empyema, Dr N. S. SMITHSTONK (Toronto), Pulmonary Lobectomy in Bronchiectasia.

THURSDAY, AUGUST 20th

10 a.m. **Discussion** A Symposium on the Uses of Radium in Surgery. Sir CHARLES GORDON-WATSON (London), Radium in the Treatment of Cancer of the Rectum (with cinematographic demonstration), Mr STAMFORD CADE (London), Radium in the Treatment of Malignant Diseases of the Mouth and Tongue, Dr DOUGLAS QUILL (New York), Radium and Surgery in connection with Cancer of the Tongue, Dr G. E. BIRKETT (Manchester), (communicated by Professor A. H. BURNS). The Results of Radium Treatment of Cancer of the Mouth and Tongue, Mr FRANK KING (London), Radium in Treatment of Tumours of the Bladder, and Mr HUGH CAIRNS (London), Radium in the Central Nervous System.

FRIDAY, AUGUST 21st

10 a.m. **Discussion** The Surgery of the Sympathetic Nervous System. To be opened by Dr W. J. MAYO (Rochester, Minn.), followed by Dr N. D. ROYLE (Sydney), The Clinical Results following the Operation of Sympathetic Ramisection,

Dr JOHN FULTON (Oxford), The Physiological Basis of the Surgery of the Sympathetic, Dr J. R. LEANMORTH (Rochester, Minn.), Indications for Operations on the Nerves of the Distal Colon, Rectum, and Bladder, Dr R. B. WARD (Sydney) Ramisection and Hirschsprung's Disease, Dr. WILSON G. FENFIELD (Montreal), The Evidence for a Vasomotor Mechanism in Epilepsy, and Dr ALFRED W. ADSON (Rochester, Minn.), The Indications for and the Therapeutic Value of Sympathetic Ganglionectomy and Trunk Resection in the Treatment of Peripheral Vascular Disease. Short Paper Mr A. DICKSON WILSON (London), The Treatment of Varicose Ulcer (with cinematographic demonstration)

DISCUSSION

OBSTETRICS AND GYNAECOLOGY

President

CORFYN BERGELEY, M.D., M.C. Cantab., F.R.C.P., F.R.C.S.,
London.

Vice-Presidents:

THOMAS GEORGE STEVENS, M.D., F.R.C.S., London.

SIR EWEN MACLEAN, M.D., F.R.C.P., Cardiff.

DAME LOUISE McILROY, D.B.E., M.D., London.

PROFESSOR DANIEL SAYRE MACKAY, M.D., F.R.C.S. Ed., Winnipeg.

WALTER WILLIAM CHIPMAN, M.D., F.R.C.S. Ed., Montreal.

Honorary Secretaries:

J. E. STACKY, M.D., F.R.C.S., 2 Durham Road, Sheffield.

F. G. McGUINESS, M.D., 320 Medical Arts Building, Winnipeg.

Official Reporter Dr. J. E. STACKY.

WEDNESDAY, AUGUST 21st

10 a.m. Discussions (1) Uses of Radium in Gynaecology To be opened by Mr SIDNEY FORBIX (London), followed by Professor W. W. CHIPMAN (Montreal), (2) Treatment of Lymphatic Glands in Carcinoma of the Cervix To be opened by Dr MALCOLM DONALDSON (London).

THURSDAY, AUGUST 22nd

10 a.m. Discussions (1) The Albuminuria of Pregnancy and its late Results. To be opened by Mr. J. BRIGHT BANNISTER (London) (2) The Effects of Hypertonic Saline in Toxæmia of Later Pregnancy To be opened by Professor V. J. HARRING (Toronto), and Dr. H. B. VAN WYCK (Toronto). (3) Cyst Formation in the Clitoris, by Sir EWEN MACLEAN (Cardiff).

FRIDAY, AUGUST 23rd

10 a.m. Discussions (1) The Placental Hormone Examenone. To be opened by Professor J. B. COLLIE (Montreal), followed by Dr A. D. CAMPBELL (Montreal) (2) Demonstration on the Operative Treatment of Prolapse, by Dr T. G. STEVENS (London) (3) The Use of Sedatives and Anaesthetics in Labour. To be opened by Dame LOUISE McILROY (London) (the Section of Anaesthetics will join in the subsequent discussion).

MEMORANDA

BAACTERIOLOGY, PATHOLOGY, PHYSIOLOGY AND BIOCHEMISTRY

President

Professor ROBERT MUIR, M.D., F.R.S. F.R.C.P.Ed., Glasgow

Vice-Presidents

Professor MATTHEW JOHN STEWART, M.B. F.R.C.P., Leeds

LIONEL SPENCE ASHCROFT, M.B., Ch.B. D.P.H., Liverpool

Professor WM. BOYD, M.D., M.R.C.P.Ed., Winnipeg

Professor JAMES MILLER, M.D., F.R.C.P.Ed., Kingston, Ont.

Honorary Secretaries

Professor GEORGEY HADFIELD, M.D., M.R.C.P. Pathological
Dept. Royal Free Hospital Gray's Inn Road, London W.C.1

Professor A. T. CAMERON M.A., F.R.S.C., Medical College,
Winnipeg

Official Reporter Professor A. T. CAMERON

WEDNESDAY, AUGUST 27th

10 a.m. Discussion Physiology and Pathology of Melanin. To be opened by Professor JAMES EWING (New York City), followed by Professor M. J. STEWART (Leeds), Dr SYMOUR HADWIN (Toronto), and Professor A. T. CAMERON (Winnipeg) Paper Dr G. S. WILSON (London), The Diagnosis of Undulant Fever. Sir KENNETH GOADBY (London), The Fractional Products of the Staphylococcus.

THURSDAY, AUGUST 28th

10 a.m. Discussions (1) Immunological Problems in Septicæmia. To be opened by Professor F. T. CANNAN (Winnipeg). (2) The Physiology of the Parathyroid Glands. To be opened by Professor J. B. COLLIF (Montreal), followed by Professor V. H. K. MOORHOUSE (Winnipeg), Professor J. C. MEAKINS (Montreal) and Professor A. T. CAMERON (Winnipeg).

FRIDAY, AUGUST 29th

10 a.m. Papers (1) Professor J. H. TEACHER (Glasgow), Physiology and Pathology of the Endometrium. (2) Professor R. MUIR (Glasgow) Intra-epithelia Growth of Carcinoma. (3) Professor S. LYLE COMBES (Cardiff) Coal Miner's Lung. (4) Professor WM. BOYD (Winnipeg) The Glioma Group Studied by Ordinary Histological Methods. (5) Dr H. D. KAY (Toronto), The Phosphatase of the Blood Plasma in Bone Dystrophies.

MEMORANDA

MENTAL DISEASES AND NEUROLOGY

President.

Sir E. FARQUHAR BULLARD, Bt., K.C.V.O., M.D., F.R.C.P.
Oxford

Vice-Presidents.

Sir JAMES PURVES-STEWART, K.C.M.G., C.B., M.D., F.R.C.P.,
London.

GEORGE RIBDOCH M.D., F.R.C.P., London.

ALVIN TROTTER MATHERS, M.D., Winnipeg.

JAMES WALTER MACNEILL, M.D., North Battleford, Sask.

Honorary Secretaries.

C. C. WORSTER-DROUGHT, M.D., M.R.C.P. 19 Cavendish
Square, London, W 1.

E. C. BARNES, M.D., Hospital for Mental Diseases, Selkirk, Man.

Official Reporter Dr. W. M. MURDOCK.

WEDNESDAY, AUGUST 27th

10 a.m. Discussion Abnormal Mental and Nervous Conditions
associated with the Menopause. To be opened by Dr. G
RIBDOCH (London), and Dr. C. B. FARRAR (Toronto)

THURSDAY, AUGUST 28th

10 a.m. Discussion Classification of Brain Tumours and its
Practical Application. To be opened by Professor WILKIN
G. PENFIELD (Montreal)

FRIDAY, AUGUST 29th

10 a.m. (Joint meeting with Section of Medicine in St. Stephen's-
Broadway United Church) Discussion Acute Polomyelitis.
To be opened by Sir FARQUHAR BULLARD (Oxford), followed
by Professor H. B. CUSHING (Montreal)

PUBLIC HEALTH

President

ALEXANDER STUART MURRAY MACGREGOR, M.D., F.R.F.P.S.,
D.P.H., Glasgow

Vice-Presidents

SIR T. EASTACE HILL, M.D., C.M., D.Hy., Durham
WILLIAM GEORGE WILLOUGHBY, M.D., D.P.H., Eastbourne
PROFESSOR ALEXANDER JOSEPH DOUGLAS, M.D., Winnipeg
JOHN ANDREW AMTOT, M.D., Ottawa

Honorary Secretaries

C. T. MAITLAND, M.D., M.R.C.P. D.P.H., 11 Beechcroft
Avenue Golden Green N.W. 11
T. A. PINCOCK, M.D., 123 Legislative Building, Winnipeg

Official Reporter Dr C. T. MAITLAND.

WEDNESDAY, AUGUST 31st

10 a.m. Symposium: The Development of a Well-Trained Public Health Personnel. General Outline of the Problem of Training Health Workers, Professor J. G. FITZGERALD (Toronto); (a) Undergraduate Medical Training in Public Health, Dr A. GRANT FLEMING (Montreal); (b) Special or Post-Graduate Public Health Training, Dr D. T. FRASER (Toronto); (c) Training of the Sanitary Inspector, Dr JAMES ROBERTS (Hamilton); (d) The Midwife, her Training, Supervision, and Conditions of Service, Sir T. EASTACE HILL (Durham); (e) Training of the Health Visitor, Dr F. C. MIDDLETON (Regina), followed by Dr A. S. M. MACGREGOR (Glasgow); Dr ALFRED GREENWOOD (Maidstone); Dr T. C. MAITLAND (London); and Sir T. EASTACE HILL (Durham).

THURSDAY, AUGUST 31st

10 a.m. Discussions: (1) The Laboratory in a Scheme of Preventive Medicine. To be opened by Dr W. G. WILLOUGHBY (Eastbourne), followed by Dr NORMAN M. HARRIS (Ottawa); (2) The Place of Pasteurization in a Scheme of Milk Distribution. To be opened by Dr A. S. M. MACGREGOR (Glasgow), followed by Dr M. R. BOW (Edmonton). Paper: Mr JAMES GIBBARD (Ottawa), Electrophoresis of *Neisseria Intracellulans* (Meningococcus).

FRIDAY, AUGUST 31st

10 a.m. (Joint meeting with Section of Tuberculosis in All Saints School) Discussions: 1. Primitive Races and Epidemiology. To be opened by Professor S. LYLE CUMMINS (Cardiff), followed by Dr J. HARVEY PIERCE (Johannesburg). Post-Mortem Findings in South African Negroes, Professor

J. G. FRIZZERALE (Toronto), Laboratory Evidence as an Aid in Early Recognition of Tuberculosis and Contacts, Dr C. H. VROOMAN (Vancouver), The Racial Incidence of Tuberculosis in British Columbia, Dr R. C. FERGUSON (Fort Qu'Appelle, Sask.), A Plan for Improving Health of Indians. (2) Anti-tuberculosis Schemes. To be opened by Dr A. S. M. MACQUEEN (Glasgow), General Anti-tuberculosis Schemes, followed by Dr J. A. BEAUDOIN (Montreal), The Campaign against Tuberculosis in Quebec, and Dr R. E. WOODHOUSE (Ottawa), Canadian Experiences in Tuberculosis Programmes.

MEMORANDA

TUBERCULOSIS

President.

Professor S. LYLE CUMMINS, C.B., C.M.G., M.D., LL.D., Cardiff.

Vice-Presidents

L. S. T. BURRELL, M.D., F.R.C.P., London.

R. A. YOUNG C.B.E., M.D., F.R.C.P., London.

Professor DAVID ALEXANDER STEWART, B.A., M.D., LL.D.,
Nidette, Mar.

CHARLES DANIEL PARFITT, M.D., M.R.C.S., L.R.C.P., Grevedon-
hurst, Ont.

Honorary Secretaries.

R. R. TRAIL, M.D., M.R.C.P., King Edward VII Sanatorium,
Midhurst, Sussex.

BALDUR H. OLSON, B.A., M.D., Medical Arts Building, Winnipeg.

Official Reporter Dr R. R. TRAIL

WEDNESDAY, AUGUST 31st

10 a.m. (Joint meeting with Section of Surgery in Winter Club.)

Discussion Recent Advances in Thoracic Surgery. To be opened by Professor E. W. ARCHIBALD (Montreal); The Scope of Thoracic Surgery, followed by Dr J. RODRICK BURNS (Montreal), Dr R. A. YOUNG (London), The Medical Aspects of Thoracic Surgery, Mr A. TUDOR EDWARDS (London), Malignant Disease of the Lung, Dr W. L. MANN (Winnipeg), Phrenicotomy, Dr J. D. McEACHERN (Winnipeg), Closed Drainage in the Treatment of Empyema, and Dr N. S. SHENSTONE (Toronto), Pulmonary Lobectomy in Bronchiectasis.

THURSDAY, AUGUST 1st

10 a.m. Discussion Tuberculosis and Children. To be opened by Dr MAURICE McPHERDAN (Philadelphia); Some Aspects of Prevention of Tuberculosis in Children, followed by Dr RAY PRICE (Toronto), Bacteriology of Tuberculosis in Children, Dr W. J. DONNIE WESTON, Ont.), Prevention of Tuberculosis in Childhood, Dr H. C. PARSONS (Toronto), The Effect of Pasteurization upon the Incidence of Tuberculosis, Dr J. A. JARRET (Montreal), Childhood Tuberculosis and Housing, and Dr BRUCE CHOWN (Winnipeg), Pulmonary Tuberculosis in Children.

FRIDAY, AUGUST 2nd

10 a.m. (Joint meeting with Section of Public Health in All Saints School.) Discussions (1) Primitive Races and Epidemiology. To be opened by Professor S. LYLE CUMMINS (Cardiff), followed by Dr J. HARVEY PIRIE (Johannesburg),

The Pathology of Tuberculosis in African Natives, Professor J. G. FITZGERALD (Toronto), Laboratory Evidence as an Aid in Early Recognition of Tuberculosis in Contacts, Dr C. H. VROOMAN (Vancouver), The Racial Incidence of Tuberculosis in British Columbia. Dr R. G. FERGUSON (Fort Qu'Appelle Sask.), A Plan for Improving Health of Indians. (2) Anti-tuberculous Schemes. To be opened by Dr A. S. M. MACDONALD (Glasgow), General Anti-tuberculosis Schemes followed by Dr. J. A. BEATTON (Montreal), The Campaign against Tuberculosis in Quebec, and Dr R. E. WOODHOUSE (Ottawa) Canada's Experience in Tuberculosis Programmes.

MEMORANDA

ANÆSTHESIA

President

RAYMOND E. APPERLY, M.R.C.S. L.R.C.P. London.

Vice-Presidents

H. W. FEATHERSTONE, M.D. Birmingham

I. W. MACILL, M.B. R.Ch. London

Professor WILLIAM WEBSTER, M.D. Winnipeg

WESLEY BOURNE, M.D. Montreal

Honorary Secretaries

F. B. PARSONS, M.B., M.R.C.P., 56 Trumpington Street, Cambridge

D. C. AIKENHEAD, M.D., 1095 Wolsely Avenue, Winnipeg

Official Reporter **Dr F. B. PARSONS**

WEDNESDAY, AUGUST 17th

10 a.m. Discussions (1) *Anæsthesia for Operation upon the Gravid Uterus.* To be opened by **Dr H. W. FEATHERSTONE** (Birmingham) followed by **Dr S. JOHNSTON** (Toronto), and **Dr DAVID FRERIE** (Vancouver). (2) *Technique in Endotracheal Anæsthesia.* To be opened by **Dr I. W. MACILL** (London) followed by **Dr RALPH WATERS** (Madison) and **Dr B. LARSEN** (Regina). Paper: *Post-operative Respiratory Complication during a Four-year Period.* To be opened by **Dr D. C. AIKENHEAD** (Winnipeg) followed by **Dr RAYMOND APPERLY** (London) and **Dr F. J. G. LA FLAMME** (Winnipeg).

THURSDAY, AUGUST 18th

10 a.m. Discussions (1) *Sodium Amytal.* To be opened by **Dr I. G. ZERFAS** (Indianapolis) followed by **Dr J. S. LINDY** (Rochester), **Dr MARY E. BOTSFOORD** (San Francisco) and **Professor W. E. DIXON** (Cambridge). (2) *Anæsthesia in Children.* To be opened by **Dr C. H. ROSSON** (Toronto), followed by **Dr J. A. BLEZARD** (Edmonton). Paper: *Effects of some Non-volatile Anæsthetics upon the Rate of Secretion and Composition of the Urine and on the Function of the Liver.* **Dr W. BOURNE** (Montreal), **Dr M. BRIDGMAN** (Montreal) and **Dr N. B. DRYER** (Montreal). Discussion by **Dr J. OSMEROD** (Winnipeg).

FRIDAY, AUGUST 19th

10 a.m. Papers. *Avertin*, **Dr F. B. PARSONS** (Cambridge), *The Difference in Pre-operative Action of Sodium-Amytal, Avertin, and Pernoxton* etc., **Dr E. I. MCKENNON** (Toledo).

The Section will join with the Section of Obstetrics and Gynaecology in the discussion of **Dame Louise McLENNAN**'s paper on *The Use of Sedatives and Anæsthetics in Labour* (in Lecture Theatre "A," University).

RADIOLOGY

President

ALFRED ERNEST BARCLAY, M.A., M.D., D.M.R.E., Cambridge.

Vice-Presidents

MALCOLM DONALDSON, M.B., F.R.C.S. London.

JAMES CURRIE McMILLAN M.D., Winnipeg.

J. EUGENE FANNETON, M.D. Montreal.

Honorary Secretaries

ROY WARD, M.B., B.S., Radium Institute, Riding House Street, London, W.1

FRANK ANDREW SMITH, M.D., 419-421 Somerset Block, Winnipeg.

Official Reporter Dr ROY WARD.

THURSDAY, AUGUST 28th

10 a.m. **Discussions** X-ray Diagnosis. 1. Benign Gastric Tumours. To be opened by Dr W. H. DICKSON (Toronto), followed by Dr BERNARD MOOREY (Edmonton). 2. The Value of X-ray Diagnosis in Medico-legal Cases. To be opened by Dr A. H. PIRIE (Montreal), followed by Dr E. E. SOULEY (Saskatoon). 3. The Mechanisms of Swallowing. To be opened by Dr A. E. BARCLAY (Cambridge), followed by Dr L. J. CARTER (Brandon).

FRIDAY, AUGUST 29th

10 a.m. **Discussions** Radiation Therapy. (1) X-ray. To be opened by Professor J. E. GENDREAU (Montreal), followed by Professor JAMES EWING (New York). (2) Radium in Cancer Therapy. To be opened by Dr DOUGLAS QUICK (New York), followed by Professor JAMES EWING (New York). (3) Radium in the Treatment of Menorrhagia and Irregular Uterine Haemorrhage. To be opened by Dr MALCOLM DONALDSON (London), followed by Dr E. W. PROUD (Vancouver). (4) Radium in the Treatment of Epitheliomata of the Skin. To be opened by Dr ROY WARD (London), followed by Dr HUGH MACKAY (Winnipeg).

MEMORANDA

OPHTHALMOLOGY

President.

N BISHOP HARMAN, M.A , M.B., F R.C.S., London.

Vice-Presidents.

ARTHUR JAMES BALLANTYNE, M.D F.R.F.P.S., Glasgow.

L. VERNON CARRILL, F.R.C.S., London.

Professor THOS. HERBERT BELL, M.R.C.S., L.R.C.P., Winnipeg.

IVOR GLEN CAMPBELL, M.D., Vancouver, B.C.

Honorary Secretaries.

G. WHITESIDE ROBERTSON, O.B.E., M.D., C.M., The Laurels,
Candie, Guernsey

F. D. McKENTY, M.D. Medical Arts Building, Winnipeg

Official Reporter Dr G. WHITESIDE ROBERTSON

WEDNESDAY, AUGUST 27th

10 a.m. **Discussion** The Control of Trachoma. To be opened
by Mr N. BISHOP HARMAN (London). followed by
Paper Professor FRANK ALLEN (Winnipeg), Colour Vision.

THURSDAY, AUGUST 28th

10 a.m. **The Management and Treatment of Incipient Cataract.**
To be opened by Mr L. VERNON CARRILL (London), followed
by Professor T. HERBERT BELL (Winnipeg), Mr ARTHUR W
ORMOND (London), and Dr ED. JACKSON (Conver). De-
monstrations. Exhibition (ophthalmoscope) of drawings of eye
conditions (meeting place to be announced). Operations
Bar Operation, for Retropion in Anophthalmos, Dr A. J
BALLANTYNE, (Glasgow). Trephining for Glaucoma, Dr A.
J. BALLANTYNE, (Glasgow). Squint Operations, Mr N. BISHOP
HARMAN (London) (meeting place to be announced).

MEMORANDA

ORTHOPAEDICS

President

E. LAMING EVANS, C.B.E., F.R.C.S., London.

Vice-Presidents

W. A. COCHRANE, F.R.C.S.Ed., Edinburgh.

R. OLLERENSHAW, M.D., F.R.C.S., Manchester.

HERBERT PETER HOWELL GALLOWAY, M.D., C.M., Winnipeg.

WILLIAM GEORGE TURNER, M.D., C.M., Montreal.

Honorary Secretaries

R. WATSON JONES, F.R.C.S. 84 Rodney Street, Liverpool.

A. P. MACKENNON, M.D., 661 Broadway Avenue, Winnipeg.

Official Reporter Dr R. WATSON JONES.

WEDNESDAY, AUGUST 27th

10 a.m. Discussion The Treatment of Congenital Dislocation of the Hip. To be opened by Dr H. P. H. GALLOWAY (Winnipeg), followed by Mr E. LAMING EVANS (London), Dr. T. HARTLEY MARTIN (Liverpool), and others. Paper Dr. A. GIBSON (Winnipeg), Semilunar Cartilages.

THURSDAY, AUGUST 28th

10 a.m. Discussion Fractures involving the Knee-joint. To be opened by Mr R. OLLERENSHAW (Manchester) Fractures of the weight-bearing Areas, Mr W. A. COCHRANE (Edinburgh), Epiphyseal Injuries, and Mr R. WATSON JONES (Liverpool), Fractures of the Extensor Apparatus, followed by Dr W. E. GALLIE (Toronto) and others. Paper, Sciatica, Dr. J. A. NUTTER (Montreal).

2.00-3.30 p.m. Clinical Session arranged by Winnipeg Members. In St. Stephen's-Broadway United Church School.

FRIDAY, AUGUST 29th

No meeting, in order to allow members to attend the discussion on Surgery of the Sympathetic Nervous System in the section of Surgery. In Winter Club.

MEMORANDA

MEDICAL SOCIOLOGY AND HISTORY OF MEDICINE

President

JOHN D COMRIE, M.D., F R C P Ed, Edinburgh.

Vice-Presidents

R. G. McGOWAN, M.D., Manchester

Sir JAMES BARRETT, K B E., C B C M G M.D., Melbourne

J H HARVEY PIRIE, M.D., F R C P Ed, Johannesburg, S. Africa.

HARRY MARTINDALE SPEECHLY, M R C S., L R C P., Winnipeg

JAMES WELLINGTON CRANE, M D, London Ontario

Honorary Secretaries.

JOHN D'EWART, M B. Silverburn, Charlestown Road. Blackley, Manchester E.

Professor J C B GRANT, M B., F R C S Ed., 307 Niagara Street, Winnipeg.

Official Reporter Dr R G McGOWAN

WEDNESDAY, AUGUST 27th

10 a.m. Discussions (a) Migration within the Empire. To be opened by Dr T C ROUTLEY (Toronto) followed by J S Woodsworth, M P (Winnipeg). (b) Migration and Health, Dr. J S. PUNBY (Sydney, N.S.W.), (c) Juvenile Immigration to Canada, Dr. H M SPEECHLY (Winnipeg)

THURSDAY, AUGUST 28th

10 a.m. Discussion The Factors Influencing Health in Canada. To be opened by Dr J. J. HEACERTY (Ottawa). Paper: The Life of Sir John Richardson, Surgeon Explorer of the Arctic, Dr D A. STEWART (Ninette).

MEMORANDA

DISEASES OF CHILDREN

President.

ROBERT HUTCHISON, M.D., F.R.C.P., London

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Mrs. HAZEL CHODAK GREGORY, M.D., M.R.C.P., 142 Harley Street, London, W.1

OSWALD JOHN DAY, M.D., 320 Medical Arts Building, Winnipeg.

Official Reporter Dr. O. J. DAY.

WEDNESDAY, AUGUST 27th

10 a.m. **Discussion** *Bacillus coli* Infections. To be opened by Dr K. D. WILKINSON (Birmingham), and Dr D. N. NABarro (London) followed by Dr BRUCE CHOWN (Winnipeg), Dr R. R. STROTHERS (Montreal), Dr H. F. HELMHOLT (Rochester, Minn.) and Dr H. P. WRIGHT (Montreal)

THURSDAY, AUGUST 28th

No meeting, in order to allow members to attend the discussion on Tuberculosis in Children, in the section of Tuberculosis. In All Saints' School.

FRIDAY, AUGUST 29th

10 a.m. **Discussions** (1) Disorders of Sleep. To be opened by Dr H. CHARLES CAMERON (London), followed by Dr R. F. ROXBOROUGH (Winnipeg) and Dr A. H. SPONG (Vancouver) (2) Artificial Sunlight. To be opened by Dr A. FIDLOW (London), followed by Dr ALAN G. BROWN (Toronto), Professor H. B. CUSHING (Montreal), and Dr A. M. DAVIDSON (Winnipeg).

MEMORANDA

OTOLOGY AND LARYNGOLOGY

President

Sir ST. CLAIR THOMSON, Kt. M.D., F.R.C.P., F.R.C.S., London

Vice-Presidents

A. J. M. WRIGHT M.B., F.R.C.S., Bristol

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Honorary Secretaries

R. SCOTT STEVENSON M.D., F.R.C.S. (Ed.), 137 Harley Street, London, W. 1

Professor GEORGE WILLIAM FLETCHER, M.D., 315 Medical Arts Building, Winnipeg

Official Reporter Mr O. O. POPPER

THURSDAY, AUGUST 28th

10 a.m. **Discussions** (1. Early Diagnosis of Septic Infection of the Lateral Sinus. To be opened by Mr F. F. MUECKE (London), followed by Dr J. T. ROGERS (Montreal) (2) Diagnosis of Cancer of the Larynx. To be opened by Mr E. D. D. DAVIS (London), followed by Sir ST. CLAIR THOMSON (London)

FRIDAY, AUGUST 29th

10 a.m. **Discussion** The Treatment of Paranasal Sinus Suppuration Persisting after Operation. To be opened by Dr PERRY G. GOLDSMITH (Toronto), and Mr A. J. M. WRIGHT (Bristol), followed by Dr A. LOGAN TURNER (Edinburgh) **Papers** Recent Efforts to Prevent Deafness among School Children, Dr HORACE NEWHART (Minneapolis) Mr E. A. PETERS (London), A Safe Method of Treating Ethmoiditis (with specimen)

The officers of the Section of Radiology invite the members of the Section of Otolaryngology to take part in the discussion on Dr A. E. BARCLAY's paper on The Mechanism of Swallowing, on Thursday August 28th

MEMORANDA

PATHOLOGICAL MUSEUM

The Museum of Scientific Exhibits will occupy the room on west side of Auditorium in the Winnipeg Winter Club.

The Museum Committee, of which Professor J. C. B. Grant, M.C. (Bar.), M.B., Ch.B., F.R.C.S., is Chairman, with D. Nicholson, M.D., C.M., M.R.C.P., as Secretary, has arranged a series of exhibits, some of special, others of general medical and surgical interest, together with a large display of X-ray Films.

A catalogue containing brief descriptions of the individual exhibits will be issued.

— — —

THE WELLCOME HISTORICAL MUSEUM EXHIBIT

With great kindness Mr. H. S. Wellcome, of London, England, has consented to send an exhibit selected from the well-known and beautiful Wellcome Historical Museum in London. This exhibit will be placed in Committee Room 230, on the first floor of the Legislative Building (west side), just south of the Reception Room, where the Section of Medical Sociology and History meets. This display of ancient Egyptian, Greek and Roman art with special reference to medicine is not only beautiful but of deep antiquarian interest and should attract many visitors.

PSYCHIC RESEARCH EXHIBIT

This will be located in close proximity to the Pathological Museum and will contain charts, diagrams and explanatory notes established on twelve years of Psychological Research, by Dr. T. Glen Hamilton and an associate group of investigators. It will also contain numerous photographs, both ordinary and stereoscopic, of telepathic (ectoplasmic) and allied phenomena of particular interest to the medical scientist.

— — —

COMMERCIAL EXHIBITION

The attention of all registering at the Meeting is directed to the Commercial Exhibition located in the north wing of the Winter Club.

The Exhibition will remain open from 10 a.m. to 5 p.m. on Tuesday, August 26th, and from 9 a.m. to 5 p.m. on Wednesday, Thursday and Friday, August 27th, 28th and 29th.

The latest appliances and therapeutic preparations are on view, many of which are placed before the Medical Profession for the first time. Members are urged to visit the Exhibition.

Appended is a list of the exhibitors who have contributed to the success of the Exhibition.

(Continued on Page 167)

COMMERCIAL EXHIBITORS—Continued

	Booth Nos.
THE ABBOTT LABORATORIES, 221 Richmond St. W., Toronto, Ont.	73
THE AMERICAN X RAY CORPORATION, 711 West Lake Street, Chicago, Ill.	10
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CAMERON'S SURGICAL SPECIALTIES, 666 West Division St., Chicago, Ill.	69
THE S. H. CAMP COMPANY, Jackson, Mich.	4
THE CANADIAN KODAK COMPANY, Toronto 8, Ont.	7, 8
THE CANADIAN MILE PROSPECTS, 115 George St., Toronto, Ont.	15
G. W. CARBUCK CO., 24 Mount Pleasant Ave., Newark, N.J.	34
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THE T. EATON CO., LTD., Winnipeg, Man.	43, 55
EMERSON FOODS COMPANY LTD., Emerson Works, Bridge Rd. Willesden, London, N.W. 10, England	59
H. G. FISCHER & COMPANY 2924 Wabasha Ave., Chicago, Ill.	57
FISHER & BUCK, LTD., Winnipeg, Man.	3
CHAR. E. FROST & CO., Box 858, Montreal, Que.	18
GERARD PRODUCTS DIVISION, Fremont Canning Co., Fremont, Mich.	23
GUTHRIE BROTHERS, 2115 Rue IX Ave., Montreal, Que.	9
THE HANOVIA CHEMICAL CO., Chemist St. & N. J. R. Ave. Newark, N.J.	44
THE HEDGECOCK CO., 203 4th Ave. S., Minneapolis, Minn.	35
PAUL HERRICK, INC., 75 Fifth Ave. New York, N.Y.	55

COMMERCIAL EXHIBITORS *Continued*

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MERRIS INGRAM & HILL, LTD., 250 McCow St. Toronto, Ont.	54
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THE KOLYON Co., New Haven, Conn.	27
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THE J. B. LIPPINCOTT Co., 201 Unity Bldg., Montreal, Que.	72
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ROBERT R. RAYLEY, Winnipeg, Man.	41A
SCANTON-MORRIS Co., Madison, Wis.	1
SCHERER, (CANADA) LTD., Unity Bldg., Montreal, Que.	61
E. R. SQUIRES & SONS, 468 King St. W. Toronto, Ont.	42
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TAYLOR DISTRIBUTOR COMPANIES, Rochester, N. Y.	14
CHAS. F. THACKERAY 10 Park St. Leeds, England.	16
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M. E. VAN ZANT 2492 Yonge St. Toronto, Ont.	26
VICTOR X-RAY CORPORATION 2012 Jackson Blvd., Chicago, Ill.	48, 47, 48, 49, 50, 51

COMMERCIAL EXHIBITORS—Continued

	Room Nos.
VINOL, Limited, 624 . Park Ave., Montreal, Que.	70
VITONE COMPANY, Box 330, Hamilton, Ont.	35
A WANDER, Ltd., 455 King St., W., Toronto, Ont.	53
W. M. R. WARDEN, 145 King St. W., Toronto, Ont.	29
WHITNEY-PAYNE LABORATORY, Pitts. Bn., Pa.	58
WINTHROP CHEMICAL CO. 111 Nassau St., New York, N. Y.	24
W. LLOYD WOOD CO., 61-65 Gerrard St. E., Toronto, Ont.	64
JOHN WRIGHT & SONS, Ltd. Sunderland, Bristol Eng. & Canadian Agents THE MACHINERY CO. OF CANADA, 70 Bond St. Toronto 2.	31
ZIMMER MFG. CO. Warsaw, Ind.	36
MEDICAL AUDIT ASSOCIATION, 44 Victoria St., Toronto, Ont.	Poster
METROPOLITAN LIFE INSURANCE COMPANY Ottawa, Ont.	Poster
PARKES DAVIS & COMPANY, W. A. Merrill, Ont.	Poster
ROUGER-FRERES, LIMITED, 210 Larnoe St., Montreal, Que.	Poster

Overseas Representatives and Delegates, 1930

Federal Council of the Medical Association of South Africa B.M.A.:

H. A. Moffatt, D.S.O., F.R.C.S.
J. H. Harvey Pitts, B.Sc., M.D., Ch.B., F.R.C.P.

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American Medical Association

Dr. Wm. Gerry Morgan, President, American Medical Association, 1624, 1 St. N.W., Washington, D.C.

Dr. E. Starr Judd, President-Elect, American Medical Association, Rochester, Minn.

Dr. Morris Fishbein, Editor, *Journal of the American Medical Association*, 535 N. Dearborn St., Chicago, Ill.

Dr. Thos. S. Allen, 20 East Eager St., Baltimore, Md.

Dr. E. B. Heckel, Chairman, Board of Trustees, American Medical Association, 500 Penn. Ave., Pittsburgh, Penn.

Dr. A. R. Mitchell, 1245 N. St., Lincoln, Neb.

Dr. J. H. J. Dykstra, 327 East Eager St., Baltimore, Md.

Dr. C. W. West, Secretary, American Medical Association, 535 N. Dearborn St., Chicago, Ill.

Western Surgical Association

Dr. Carl E. Buck, President, 2 West Side Square, Jacksonville, Ill.

Bureau of Medicine and Surgery, Department of the Navy of the United States

Rear-Admiral C. E. Riggs, M.C., U.S.N. The Surgeon-General, United States Navy, Washington, D.C.

Public Health Service, Treasury Department of the United States

Surgeon-General H. S. Cummings, Washington, D.C.

Hobbies Exhibit

FOREWORD

Much interest and pleasure have been derived in the British Isles and in Canada in recent years from exhibits showing the recreational hobbies of medical men, those occupations which afford relief from pressures professional and other tensions of life. On this occasion East and West have combined to make this Exhibit both varied and interesting. It might not be unreasonable to suggest that this Exhibit may be the means of setting up contacts between not only the Exhibitors, but also some of our visitors from other distant parts of the British Empire, to whom the local "Hobby-fest" offer a most cordial welcome.

Motto: "Dulce et decorum est desipere in hoc loco."

PAINTINGS

In Oils

"St. Fiddle, Quebec"	Dr. F. G. Banting, Toronto, Ont.
"Winter on a Quebec Farm"	
"Fort McMurray, N. Alberta"	
"Fort Resolution, Gt. Slave Lake"	
"Fraser Canyon B.C."	Dr. G. Harvey Agnew, Toronto, Ont.
"Porce Rock, Gaspe, Que."	
"Mitt Ridge, Magnesian District, N. Ontario" ..	
"Autumn in the Deer Country, N. Ontario" ..	
"Yellow Knife River, Gt. Slave Lake" ..	Dr. J. B. Byers, Montreal, Que.
"Fort Resolution, Gt. Slave Lake" ..	
"Le Pêcheur copé de Marantonic" ..	Dr. A. A. Foucher, Montreal, Que.
"Scène d'autotisme" ..	
A Portrait ..	Dr. Egerton Pope, Edmonton, Alta.
"Mushkosh River Muskoka" ..	Dr. J. K. Ross, Toronto, Ont.
"Sheephead Bay Brooklyn"	
	Dr. Roy J. Spence, Toronto, Ont.
"Dawn, Lake Simcoe" ..	Dr. E. M. Walker, Toronto, Ont.
"An Ontario Rye Field"	
"Artisan's Forge" ..	
"Across the Valley"	
"Return from Reconnaissance, Loos Salient, 1917" ..	Dr. Fraser B. Gurd, Montreal, Que.

In Water Colours:

"A Mountain Scene" ..	Dr. Percy G. Bell, Winnipeg, Man.
Three Landscapes ..	Dr. Egerton Pope, Edmonton, Alta.
Two Views of Nipette ..	Dr. D. A. Stewart, Nipette, Man.
Ravella ..	Dr. F. D. McKenty, Winnipeg, Man.
On Kingston Harbour ..	
Sketches in Black and White ..	Dr. A. Stodol, Winnipeg, Man.
Archers in Action ..	Dr. Fraser B. Gurd, Montreal, Que.
A Parryard in Flanders ..	
Evening in Henders ..	Learned by Ernest Enders, Esq., Westbrook, Conn. U.S.A.
20 Fairings of Drug Plants used by Amerindians ..	
An Aquatint—Edinburgh Castle ..	Dr. J. I. Le Touzel, London, Ont.
Parliament Buildings, London ..	
"Light that Never Fades" ..	
Etching:	
Doorway St. Peter's Cathedral, London, Ont. ..	

LINO CUTS

Four-Colour Blocks Dr. Fred A. Bowman, Hamilton, Ont.

SCULPTURE AND MODELLING

Four Brasses Dr. R. Tait McKenzie, Philadelphia

The Philosopher Dr. B. L. Guyatt, Toronto, Ont.

Carved Figure in Maple Wood

"The Habitant" Dr. A. H. Fries, Montreal, Que.

WOODWORK

A Gutter made from Trench Timber . . . Dr. J. Puller, Winnipeg, Man.

Carved Wood Animals Dr. G. H. Lansdowne, Winnipeg, Man.

PHILATELY

Stamps of India and Gibraltar . . . Dr. L. J. Austin, Kingston, Ont.

Collection Dr. Joseph Gilchrist, Toronto, Ont.

PHOTOGRAPHY

Purple Marten Dr. A. M. Davidson, Winnipeg, Man.

Snowshoe Owl Dr. C. A. Barragar, Brandon, Man.

Four Landscapes on English and Canada . . . Dr. C. A. Barragar, Brandon, Man.

Legislative Building, Winnipeg . . .

Interior of Legislative Building . . .

The Campus, Queen's University . . .

The Terrace

Arctic

Winter Blossoms Dr. Wm. Boyd, Winnipeg, Man.

The Log Cabin

The Woods in Winter

Lake of the Woods

A Mountain Thicket

Mount Robson

John Brown's Grave, Piccadilly Lake . . . Dr. T. Glas Hamilton, Winnipeg, Man.

and other prints.

MUSICAL MANUSCRIPTS

Original Specimens of Vocal and Instrumental Music for Orchestra and Choir

Dr. E. Florde McLaughlin, Hamilton

ENTOMOLOGY

The Syrphidae of North America . . . Dr. A. J. Hunter, Tondon, Man.

NUMISMATOLOGY

Canadian Coins and Tokens Dr. A. J. Hunter, Tondon, Man.

HORTICULTURE

Flowers Dr. Percy Bell, Winnipeg, Man.

Vegetables Dr. G. W. Kupe, St. James, Man.

NATURAL HISTORY EXHIBIT

(Organized by Dr. H. M. Speechly, Winnipeg)

Ornithology

The Humming Bird

The Nest of the Canada Jay Mr. A. G. Lawrence, Winnipeg, Man.

Geology

Petrified Wood Dr. Hans Horschmann, Winnipeg

Flint Implements of North America . . . Mr. H. Rand, Winnipeg, Man.

Mosquito Control: Exhibits of Method used in the Winnipeg Anti-Mosquito Campaign, loaned by The T. Eaton Company, Limited, Winnipeg, Man.

ENTOMOLOGICAL

Dr. Wm. Webster, Winnipeg, Man.

Dr. Dan. Nicholson, Winnipeg, Man.

CURIOS

Exhibited by Dr. Ellen Douglas, Winnipeg, Man.

THE CANADIAN MEDICAL ASSOCIATION 1897-1900

In November, 1897, the Canadian Medical Association was organized by the medical profession of Canada and consisted of representatives of the medical profession of each province and territory. The association was organized for the purpose of promoting the interests of the medical profession in Canada and of the public health. The association was organized by the Quebec Medical Society.

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In 1967 there were five medical journals in Canada. Today the Journal of the Canadian Medical Association is appreciated not only in Canada but also abroad. In addition to these health articles for the lay press and radio health talks are provided.

A physician seldom located in Canada goes without first seeking advice from the Canadian Medical Association or one of its provincial branches. Through its cooperation with the Federal Department of Health and our Association, the chemical drugs and biologicals he uses are standardized and graded and is born if he has calls to with the Western and Longmonts Board or some other department of government with it. He will appeal not in vain, for we are an organization for advice and support. And through his membership in the Canadian Medical Protective Association he will find great peace of mind, who but he is not "quite enough" to require its support or not. The Canadian Medical Protective Association was formed at the Winnipeg meeting of the Canadian Medical Association in 1901 and might almost be considered as a section of the national organization.

THE LISTERIAN ORATION

The Listerian Oration was established by the Lister Memorial Club of the Canadian Medical Association to commemorate the debt that surgery owes to the genius of the late Lord Lister.

The Oration is delivered triennially, the first Oration being delivered at Ottawa in 1924 by Dr. John Stewart, Emeritus Professor of Surgery, Dalhousie University, Halifax, Nova Scotia, who was a student clerk and personal friend of Lister.

The second Oration was delivered at Toronto in 1927 by Sir Charles Scott Sherrington, Waynflete Professor of Physiology, Oxford.

The third Oration will be delivered by The Rt. Hon. Lord Mountbatten of Leeds, K.C.M.G., C.B., M.D., M.S., F.R.C.S., LL.D., Consulting Surgeon, Leeds General Infirmary, on August 29th 1939, and the Chairman on that occasion will be John Stewart of Halifax, Nova Scotia.

Dr. CHARLOTTE W. ROSS

A memorial service arranged by the Federation of Medical Women of Canada, will be held at Brookside Cemetery, at 7.30 a.m. Thursday, August 28th for Dr. Charlotte W. Ross, the pioneer woman physician of Manitoba. In 187, though already married, she graduated in medicine from the Women's Medical College Philadelphia and was the first woman to practice medicine in Montreal. In 1878, her father Joseph Whitehead, and her husband David Ross, went west to build section 15 of the Canadian Pacific Railway, and three years later Dr. Ross with her children joined her husband at Whitesmuth, Manitoba.

Though Dr. Ross had the care of her children and her home, she received many calls for professional assistance and in order to visit her patients along the line of railway she was obliged to make use of many modes of transport—locomotive, handcar, freight carbox, sled and buckboard. For many years she conducted an arduous country practice. She died in 1916. Her grand-daughter, Dr. Edith Ross, has presented to the University of Manitoba the Doctor Charlotte W. Ross Gold Medal awarded annually in Obstetrics.

The Canadian Medical Protective Association

ITS AIMS AND OBJECTS

Twenty nine years ago the Canadian Medical Protective Association was founded in the City of Winnipeg during a meeting of the Canadian Medical Association with which Association it is now affiliated.

For many years there had been a strong feeling among the profession that some assistance should be available to members of our profession who were charged with alleged malpractice similar to those voluntary associations which were carrying on a like work in Great Britain. The objects of the Association are:

1. To support, maintain and protect the highest character and interests of its members.

2. To encourage honorable practice of the medical profession.

3. To give advice and assistance to, and defend and assist in the defence of members of the Association in cases where proceedings of any kind are unjustly brought or threatened against them.

From very small beginnings the Association has steadily grown until at the present time it has a good membership, and a large reserve fund which is mostly for the purpose of the defence of the members. During recent years it has been felt that in addition to defending actions the Association should guarantee our members against the ages of lawsuits, and beginning January 1929 it has guaranteed to pay if recovered against any of its members up to and including five thousand dollars each in any one year. In the course of the past twenty nine years in only one case has judgment been given against any member defended by the Association.

The Indemnity Trust Fund has over nine thousand dollars to its credit and if good fortune persists in the future as in the past it will not be long until there will be a very substantial fund for the payment of lawsuits recovered against any member.

The membership is steadily growing but the Executive feel that the profession in general should take a much greater interest in this question of medical defence, as for a practical free those interests are looked after by a committee composed of physicians who get the best legal advice as expert advice available in defence of any action. If the whole profession were enrolled it would not be many years before malpractice actions would be a thing of the past.

It is gratifying to note that one of the men chiefly responsible for the formation of this Association Dr. R. W. Powell is still President and able to give the benefit of his extensive experience in these matters.

OFFICIAL PHOTOGRAPHER

Edwin L. Cooke, 217 Montgomery Building, Portage Avenue and Notre Dame Street, has been appointed official Photographer for the Meeting.

SECTION OF RADIOLOGY LUNCHEON

Under the chairmanship of W. H. Dickson, M.D., C.M., Toronto, the Canadian Medical Association (Section of Radiology) will hold their Annual Meeting in the Fort Garry Hotel, 12:30 p.m., Friday, August 29th.

Tickets for Lunch, \$1.50, on sale at Registration Office.

BORDER MEDICAL SOCIETY

The August Meeting of the Border Medical Society will take the form of a luncheon, to be held in the Fort Garry Hotel at 12:30, Friday, August 29th. The tickets will be \$1.50 and may be purchased at the Registration Office.

This Society embraces in its membership citizens of two nations, the United States and Canada. The Society has for its members all medical men practicing within a radius of 70 miles of the Manitoba-Saskatchewan boundary line, where this line meets the international boundary.

The aims and objects of the Association are those usually found in any well organized medical society.

Meetings will be held during the summer months alternately in Canada and the United States.

The guest of honour and speaker for this luncheon meeting is Alfred Cox, O.B.E., Hon. M.A., M.B., B.S., Medical Secretary of the British Medical Association, who needs no introduction to any gathering of medical men.

PSYCHIC RESEARCH LUNCH

On Wednesday, August 27th, at 1:00 p.m. in the Fort Garry Hotel there will be a luncheon followed by a lecture on 'Psychic Research' illustrated by T. Glen Hamilton, M.D. Tickets \$1.50, limited to 400, can be secured at Registration Office any time before 11:00 a.m. on day of luncheon.

MILITARY RECEPTION AND REUNION

On Wednesday, August 27th, at 6:00 p.m. there will be a Military Reception and Reunion of those who served Overseas.

Details will be posted on bulletin board at Registration Office.

AVIATION LUNCHEON

A luncheon to be followed by a discussion on Aviation Medicine will be arranged on Wednesday, August 27th, if there is sufficient demand. Those wishing to attend will please notify the Registration Office not later than 6:00 p.m. on Tuesday, August 26th.

THE FLAG OF WINNIPEG

The Great Hall of the British Medical Association House, Tavistock Square, London is adorned with the banners of cities where the Association has met. Among them are the flags of Montreal 1897 and of Toronto 1906. The flag of Winnipeg has been prepared and will be presented to the President of the British Medical Association on the first day of the Winnipeg meeting, and it will be borne in the procession from the Winter Club to the Legislative Building, where the Annual Religious Service will be held.

It is of crimson silk, 54 inches by 41 inches, with a red, white and blue fringe 2½ inches deep. Both sides of the flag are similar. In the center are the arms of the city of Winnipeg in their proper colours. In the upper left hand corner on a white scroll appears the year of the meeting 1930 and below the arms also on a white scroll is the name Winnipeg. It was made by a local firm.

When hung in the Great Hall it will take its place with those of the following cities: Aberdeen, Belfast, Birmingham, Bourne-mouth, Bradford, Brighton, Bristol, Cardiff, Carlisle, Dublin, Edinburgh, Glasgow, Ipswich, Leeds, Leicester, Liverpool, London, Manchester, Montreal, Newcastle-on-Tyne, Nottingham, Portsmouth, Sheffield, Swansea, Toronto, Worcester, York.

ACKNOWLEDGEMENT OF THANKS

The Local Committee express their appreciation of the help and many courtesies extended to them by

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The Manitoba Free Press
The Winnipeg Tribune
Manitoba Historical Society
Motor Country Club
Local Golf Clubs
Young Men's Section, Winnipeg Board of Trade
Manitoba Dental Society
Local Transportation Companies
Boy Scout Association
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Public Works of Winnipeg and Manitoba
Winnipeg Skating Club
Winnipeg Lawn Tennis Club
Hudson's Bay Tennis Club
Canadian National Tennis Club
Navy Cadets Band
Manitoba Club
Carlton Club
The Reeve and Council of Tuxedo Municipality
Ukrainian Choir
Polish Gymnastic School
The Hon. Advisory Committee

and the many friends who have done so much to make this Meeting a success.

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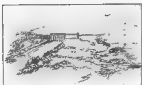
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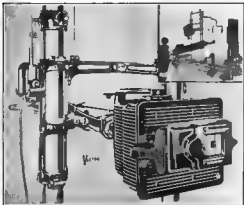
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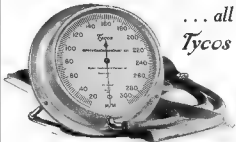
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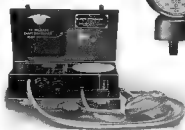
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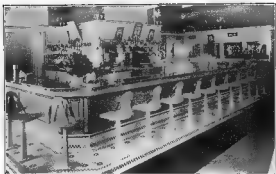
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28 102

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MAIL ORDERS GIVEN CAREFUL AND PROMPT
ATTENTION



INTERIOR VIEW OF A PICARDY STORE

*Candies - Pastries - Luncheons
Ice Creams, etc.*

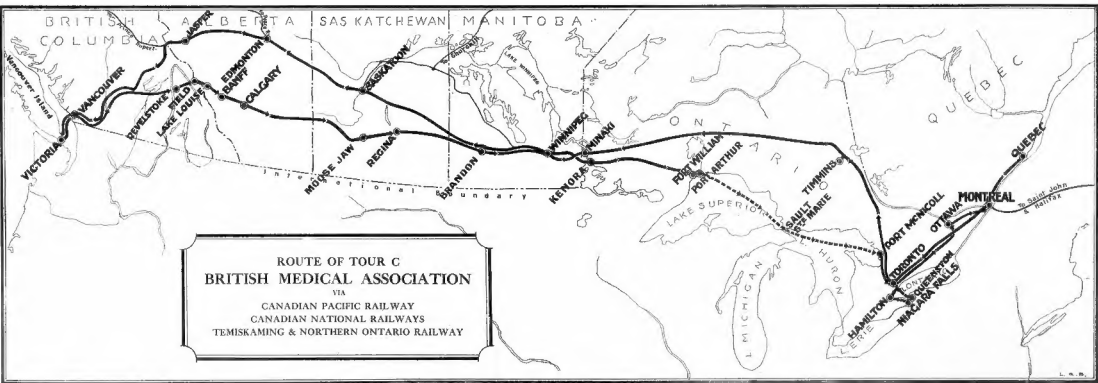
CLEANLINESS AND PURITY
ARE ALWAYS ASSURED

Picardy
CANDY SHOPS

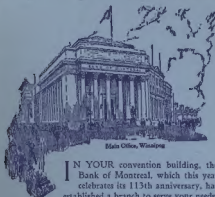
BROADWAY & COLONY
114 OSBORNE ST
215 PORTAGE AVE.

PORTAGE AT DONALD
367 PORTAGE AVE
PORTAGE & COLONY
(Opp. Hudson's Bay)

ROUTE OF TOUR C
BRITISH MEDICAL ASSOCIATION
VIA
CANADIAN PACIFIC RAILWAY
CANADIAN NATIONAL RAILWAYS
TEMISKAMING & NORTHERN ONTARIO RAILWAY



To Meet Your *Every* Banking Need



Main Office, Winnipeg

IN YOUR convention building, the Bank of Montreal, which this year celebrates its 113th anniversary, has established a branch to serve your needs.

Here you will find a staff ready to cash your travellers' cheques, your letters of credit, or to arrange travel funds for whatever parts of the Dominion you may wish to visit.

The Bank of Montreal extends a warm welcome to the delegates of the convention and its best wishes for the success of the meeting.

BANK OF MONTREAL

Established 1817

TOTAL ASSETS IN EXCESS OF \$800,000,000

Over 600 Branches in Canada



"Doctor's Orders"

"Must take a holiday....nothing radically wrong, but getting too old for the constant grind....ease off from work....enjoy life!"

How many men have listened to this fiat and awakened to the fact that the leisure time of life has been reached, without the means to enjoy it! Even the Doctors themselves are not exempt. Unfortunate investments, financial upheavals, may shatter expectations of independence.

Yet there is a way for almost every man to ensure "Peace with Plenty" in later life:

THE GREAT-WEST "PROSPERITY" POLICY

Is specially designed to enable men to retire or enjoy freedom at 60. A moderate annual payment provides the desired monthly income or guaranteed lump sum at maturity—plus substantial profits. In the event of death, the family inherits the full benefits. Special disability privileges and other appealing features are included.

Full information will be gladly furnished upon request



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